

DOG TRACKS



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Can Dogs See Colours ?



How your dog sees the world can be hard to understand as their vision doesn't work like ours.

The anatomy of dogs' eyes and their photoreceptors differ from that of humans giving dogs a unique visual perspective.

Dogs are not colour-blind, although they don't see as many colours as we do.

A dog's retina contains a small amount of cones which are photoreceptor cells in the eye's retina that allow us to see colour. Humans have three types of cones in their eyes while dogs only have two. This means their vision is limited to certain colours.

Because dogs' eyes only have two types of cones, just 20 percent of the cones in human eyes, their colour spectrum is limited to shades of grey, brown, yellow and blue. This is called dichromatic vision. Some colours, like shades of red and orange, may show as yellow to dogs, greens may appear white. Dogs may also struggle to notice the difference between hues of the same colour, like light blue and dark blue.

Colour Spectrum



Human View



Dog View

Keep this in mind if your dog struggles to find toys or treats. It may not be due to lack of interest; it's possible they can't see what you're trying to give them. Choose blue or yellow toys as these colours will stand out better for your dog.



It's believed most dogs have 6/22 vision. In other words, they have to be 6m away from an object to see it, compared to humans who can see it from 22m away.

Dogs can see well in dark or low-light situations. This is because their eyes are anatomically different from humans' eyes. While they have fewer cones in their eyes they have more rods, which are photoreceptor cells enabling night and peripheral vision in the retina. This means they're more sensitive to motion, shapes and light. As a result, your dog can pick up on small movements and detect the presence of strangers or prey.

In addition to having larger pupils, which lets more light into their eyes and enhances vision at night, dogs have a layer of reflective membrane at the back of their eyes.

This membrane bounces light not absorbed by rods to the retina, which allows the eye to take in additional light and strengthens their night time vision. This also makes it look as if dogs' eyes glow in the dark.

Most dogs' eyes are located towards the sides of their heads, which gives them a wide field of vision. Some breeds, however, may experience vision differently.

A brachycephalic breed, such as a Pekingese or Pug, have a wider area of binocular vision, but an even bigger blind spot.

Sight hounds, such as Greyhounds and Afghan Hounds have superior long-distance vision compared to other breeds.

So next time your dog can't see the ball you have thrown, remember he is not seeing things as you see them.





Why Dogs Can't Eat Chocolate

Easter can be a dangerous time for dogs, Easter eggs and chocolate everywhere.

Chocolate is toxic to dogs because it contains theobromine and to a lesser extent, caffeine. Humans metabolize theobromine easily, but dogs don't. Dogs process theobromine and caffeine slowly, which allows these toxic compounds to build up in their systems and cause clinical signs associated with chocolate toxicity.

Symptoms can include vomiting, diarrhea, hyperactivity, tremors, seizures, and an increased heart rate.

But when it comes to toxicity, not all chocolate is the same. What happens if a dog eats chocolate is different based on the type of chocolate they consumed.

Baker's chocolate and cocoa, for example, are considered to be the most toxic, then dark chocolate, milk chocolate and white chocolate which is deemed the least dangerous.

Enjoy your Easter eggs but make sure they are kept well away from your dog, with their keen sense of smell they will sniff them out in seconds.

Please be careful if you are planning an Easter Egg hunt as eggs can get overlooked only for your dog to find later,

Easter Treats Designed for Dogs

Blueberry Eggs

Ingredients:

- 50g x Peanut Butter (xylitol-free)
- 85g x Greek Yoghurt
- 65g x Blueberries (chopped up)
- Easter Egg Mould



Add the peanut butter to a microwave safe bowl and microwave for 60 seconds until melted
Add the Greek yoghurt to the same bowl the peanut butter is in and mix well
Roughly chop the blueberries and stir into the mixture
Add the mixture to the Easter egg moulds
Freeze for 4 hours or overnight

Carob Eggs

Ingredients:

- 300g x Carob Drops
- 1/4 Cup x Peanut Butter (xylitol-free)
- Easter Egg Mould



Melt 150g carob drops in a heatproof bowl over simmering water, stirring until smooth.
Spoon into egg half moulds, filling evenly.
Roll small peanut butter balls and place one in the center of each mould.
Refrigerate for about 40 minutes or until firm. Remove the set halves and set aside.
Melt more carob and refill the moulds, (no peanut butter).
Press a solid half onto each filled mould to seal. Refrigerate until fully set, then remove and serve.

Dog Facts You Might Not Know

The average dog is as intelligent as a two-year-old child.

A dog's urine can tell other dogs its age, sex, and health status.

Dogs dream similar to humans.

Just like human fingerprints, every dog has a unique nose print that can be used for identification.

Dogs only have sweat glands in the pads of their paws. They pant to cool down.

Every dog has three eyelids; the third is a protective membrane.

Dogs curl into a ball when they sleep to protect their vital organs and conserve body heat.

Eighteen muscles control a dog's ears.

Dogs have a sense of time and can predict regular events.

Puppies are born blind, deaf, and toothless.

Dogs have significantly superior hearing compared to humans.

All dogs are descended from grey wolves.

Dogs can detect illness in humans.

Yawning is contagious for dogs.

Dogs can be right or left pawed.

A greyhound could beat a cheetah in a long-distance race.



Reminder



**NO Obedience or
Agility Training On
Easter Weekend**

Don't Turn Your Back on Training Over Easter



Wishing All Our Members a Very Happy Easter

Editor Wendy Jones

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