

# Converting Colors

Hex(54D332)

Have a look what the booklet for  
Hex(54D332) contains.

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**Color**

**Hex(54D332)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54D332
RGB	84, 211, 50
RGB Percent	33%, 83%, 20%
CMY	0.6706, 0.1725, 0.8039
CMYK	0.60, 0.00, 0.76, 0.17
HSL	107°, 65%, 51%
HSV	107°, 76%, 83%
XYZ	27.5261, 48.7036, 10.9676
YIQ	154.6730, -24.0110, -76.9950

# Conversions

## Conversions Part 2

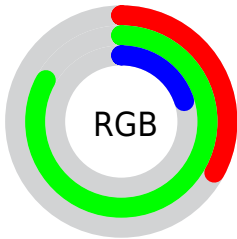
Format	Color
<a href="#">RYB</a>	<a href="#">50, 211, 177</a>
Decimal	<a href="#">5559090</a>
CIELab	<a href="#">75.27, -62.59, 64.30</a>
CIELCh	<a href="#">75, 89.729, 134.226</a>
Yxy	<a href="#">48.7036, 0.3157, 0.5585</a>
Android (android.graphics.Color)	<a href="#">4283749170 (0xFF54D332)</a>
YUV	<a href="#">154.6730, -51.6038, -61.9802</a>
Hunter-Lab	<a href="#">69.7880, -51.7241, 39.5338</a>

# Details

The Hex color **54D332** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **B132D3**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **92FF6C**, and **009B00** is the 20% darker color. If you saturate the color by 10%, you get **43D31D**, and if you desaturate by 10%, it is **65D347**.

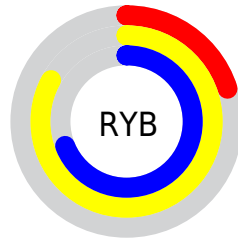
# Distribution



Red (33%)

Green (83%)

Blue (20%)



Red (20%)

Yellow (83%)

Blue (69%)

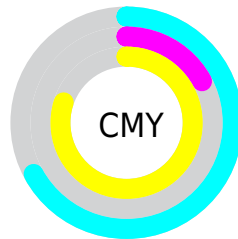


Cyan (60%)

Magenta (0%)

Yellow (76%)

Black (17%)



Cyan (67%)

Magenta (17%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54D332 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 54D332 by changing the saturation by 10% instead.



 54D332

 54D332

FFFFFF

 2FB709

 92FF6C

 009B00

 B1FF88

 008000

 CFFFA4

 006600

 EDFFC0

 004C00

 FFFFDD

 003500

 FFFFFB

 001B00

 000000

 54D332

 54D332

■ 43D31D

■ 65D347

■ 33D308

■ 75D35C

■ 2DD300

■ 86D371

■ 97D386

■ A7D39B

■ B8D3B1

■ C9D3C6

■ D9D3DB

■ EAD3F0

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BAC200



54D332



00DC89

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54D332



00CFFF



FF5E96

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54D332



B132D3

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF66E9



54D332



2FB6FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54D332



00DBFF



ED8FFF



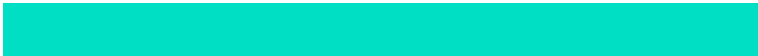
FF7F47

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54D332



00DEC3



ED8FFF



FF5BB1

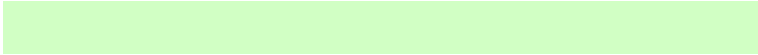


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54D332



D1FFC4



D3B032



63805C



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54D332



46FF14



32D360



60695E



24A800



092900



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B132D3



CD14FF



D332A5



665E69



8500A8

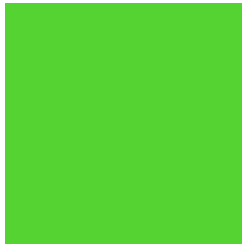


200029



# Previews

## White Background



This preview shows how the Hex color 54D332 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 54D332 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

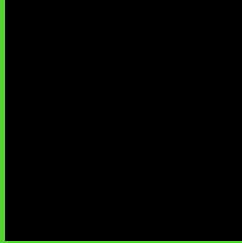
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54D332 Background



This preview shows how black text looks on a background with the Hex color 54D332.

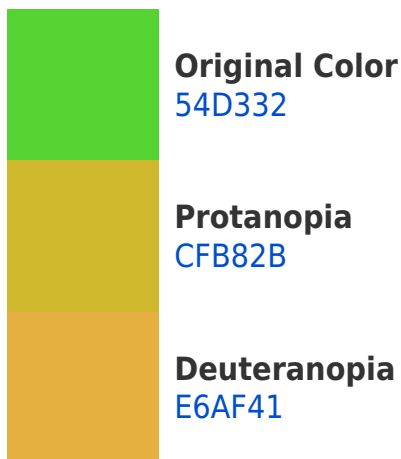


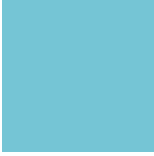
This preview shows how white text looks on a background with the Hex color 54D332.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

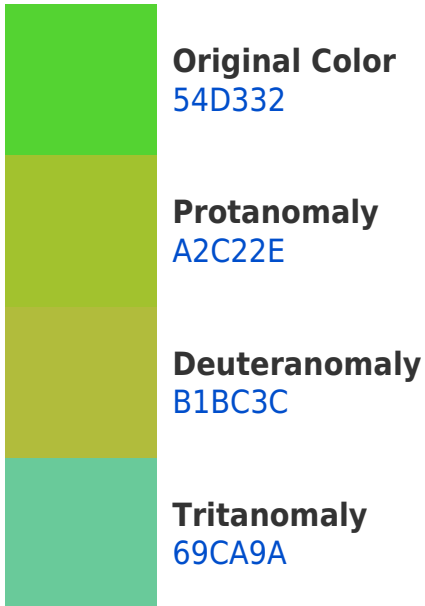
## Dichromacy



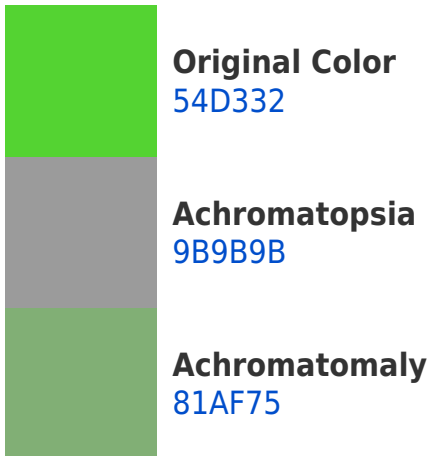


**Tritanopia**  
75C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54D332 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #54D332 looks like.

```
.text, #text, p{  
    color:#54D332  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #54D332 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54D332
}
```

## Border

The CSS property to change the border of an element to Hex 54D332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#54D332 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#54D332 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #54D332 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54D332; -webkit-box-shadow:4px 4px  
4px 4px #54D332; box-shadow:4px 4px 4px  
4px #54D332 }
```

# Background

The CSS property to change the background color of an element to Hex 54D332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54D332 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#54D332 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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