

Converting Colors

Hex(50A544)

Have a look what the booklet for
Hex(50A544) contains.

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Color

Hex(50A544)

Conversions

Conversions Part 1

Format	Color
Hex	50A544
RGB	80, 165, 68
RGB Percent	31%, 65%, 27%
CMY	0.6863, 0.3529, 0.7333
CMYK	0.52, 0.00, 0.59, 0.35
HSL	113°, 42%, 46%
HSV	113°, 59%, 65%
XYZ	17.8068, 29.0331, 10.1343
YIQ	128.5270, -19.5230, -48.1870

Conversions

Conversions Part 2

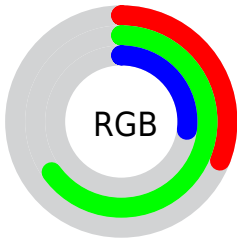
Format	Color
RYB	68, 165, 153
Decimal	5285188
CIELab	60.81, -44.98, 41.80
CIELCh	61, 61.401, 137.102
Yxy	29.0331, 0.3125, 0.5096
Android (android.graphics.Color)	4283475268 (0xFF50A544)
YUV	128.5270, -29.8398, -42.5582
Hunter-Lab	53.8824, -35.3043, 26.5663

Details

The Hex color **50A544** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9944A5**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **88DD77**, and **0E700F** is the 20% darker color. If you saturate the color by 10%, you get **42A533**, and if you desaturate by 10%, it is **5EA554**.

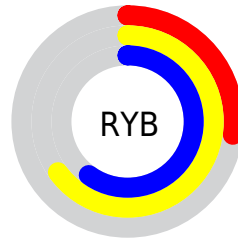
Distribution



Red (31%)

Green (65%)

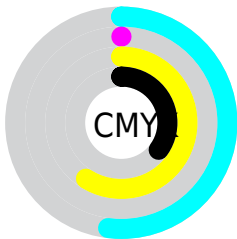
Blue (27%)



Red (27%)

Yellow (65%)

Blue (60%)

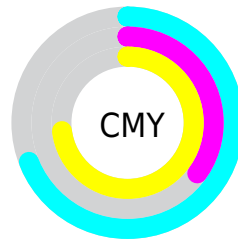


Cyan (52%)

Magenta (0%)

Yellow (59%)

Black (35%)



Cyan (69%)

Magenta (35%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A544 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 50A544 by changing the saturation by 10% instead.

 50A544

 50A544

FFFFFF

 338A2B

 88DD77

 0E700F

 A4FA92

 005700

 C0FFAD

 003F00

 DDFFC9

 002A00

 FBFFE5

 000600

 000000

 50A544

 50A544

 42A533

 5EA554

 33A523

 6DA565

 25A513

 7BA576

 16A502

 8AA586

 14A500

 98A596

 A7A5A7

 B5A5B7

 C4A5C8

 D2A5D8

Harmonies

Analogous

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



919A1C



50A544



00AB79

Triad

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



50A544



00A0FC



F56076

Complementary

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



50A544



9944A5

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.



E962AC



50A544



648EFB

Square

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



50A544



00A9E1



BC76DD



E57145

Rectangle

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



50A544



00AC9E



BC76DD



F45E88

Sweetspot

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



50A544



B4D6B0



A59844



566B54



EBEBEB



6B6B6B

Same Dimension

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



50A544



51D63E



44A568



4A5249



129100



021200

Inverse Universe

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



9944A5



C33ED6



A54481



514952



7F0091



100012

Previews

White Background



This preview shows how the Hex color 50A544 looks on a white background.

Color Contrast Check

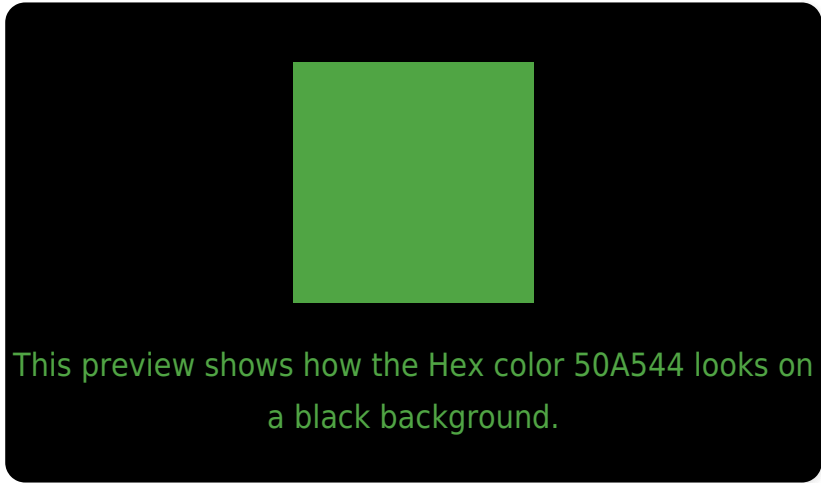
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 50A544 Background



This preview shows how black text looks on a background with the Hex color 50A544.

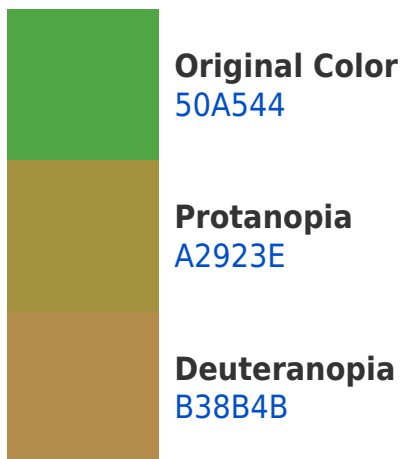


This preview shows how white text looks on a background with the Hex color 50A544.

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](#).

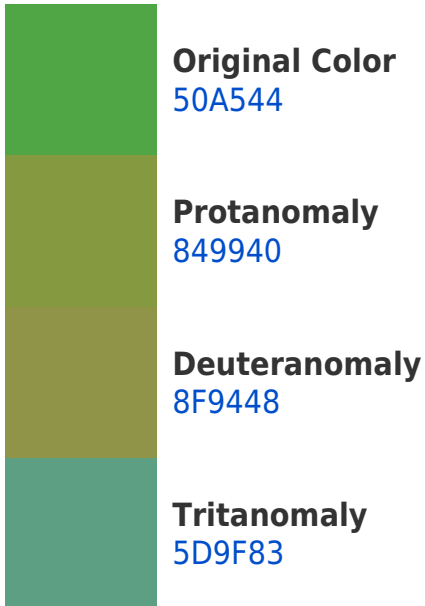
Dichromacy



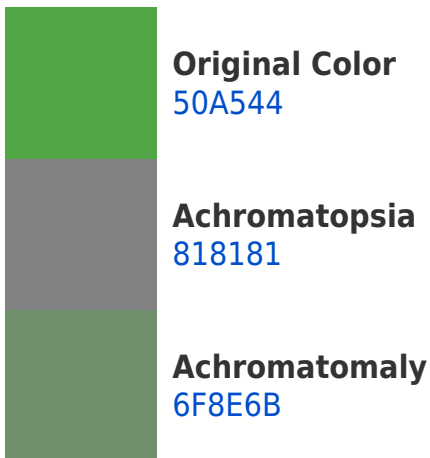


Tritanopia
649BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A544 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 #50A544 looks like.

```
.text, #text, p{  
    color:#50A544  
}
```

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 #50A544 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A544
}
```

Border

The CSS property to change the border of an element to Hex 50A544 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
#50A544 }
```

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

```
.border{ border-color:#50A544 }
```

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

Here you see how a box with a 4 pixel #50A544 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A544; -webkit-box-shadow:4px 4px  
4px 4px #50A544; box-shadow:4px 4px 4px  
4px #50A544 }
```

Background

The CSS property to change the background color of an element to Hex 50A544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A544 }
```

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

```
.background{ background-color:#50A544 }
```

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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