

Converting Colors

Hex(50A04E)

Have a look what the booklet for
Hex(50A04E) contains.

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Color

Hex(50A04E)

Conversions

Conversions Part 1

Format	Color
Hex	50A04E
RGB	80, 160, 78
RGB Percent	31%, 63%, 31%
CMY	0.6863, 0.3725, 0.6941
CMYK	0.50, 0.00, 0.51, 0.37
HSL	119°, 34%, 47%
HSV	119°, 51%, 63%
XYZ	17.2542, 27.3971, 11.5865
YIQ	126.7320, -21.3580, -42.4620

Conversions

Conversions Part 2

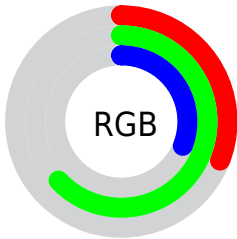
Format	Color
RYB	78, 160, 158
Decimal	5283918
CIELab	59.34, -41.63, 35.12
CIELCh	59, 54.468, 139.848
Yxy	27.3971, 0.3068, 0.4872
Android (android.graphics.Color)	4283473998 (0xFF50A04E)
YUV	126.7320, -24.0249, -40.9840
Hunter-Lab	52.3423, -32.7579, 23.5151

Details

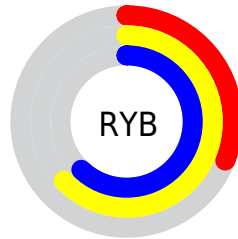
The Hex color **50A04E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9E4EA0**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **87D781**, and **136C1D** is the 20% darker color. If you saturate the color by 10%, you get **40A03E**, and if you desaturate by 10%, it is **60A05E**.

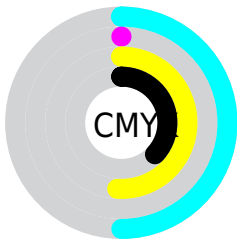
Distribution



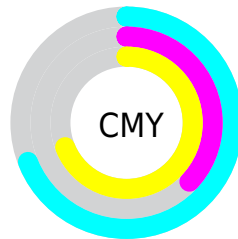
- Red (31%)
- Green (63%)
- Blue (31%)



- Red (31%)
- Yellow (63%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (51%)
- Black (37%)



- Cyan (69%)
- Magenta (37%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A04E 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 50A04E by changing the saturation by 10% instead.

 50A04E

 50A04E

FFFFFF

 348536

 87D781

 136C1D

 A3F49B

 005303

 BFFFB7

 003B00

 DCFFD3

 002600

 F9FFEF

 000000

 50A04E

 50A04E

 40A03E

 60A05E

 31A02E

 6FA06E

 21A01E

 7FA07E

 12A00E

 8EA08E

 04A000

 9EA09E

 AEA0AE

 BDA0BE

 CDA0CE

 DCA0DE

Harmonies

Analogous

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



8A962D



50A04E



00A57C

Triad

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



50A04E



0099ED



E66571

Complementary

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



50A04E



9E4EA0

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.



DE65A1



50A04E



7389E9

Square

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



50A04E



00A2D7



B975CD



D77447

Rectangle

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



50A04E



00A69E



B975CD



E66381

Sweetspot

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



50A04E



B3D1B2



A09D4E



566956



E8E8E8



696969

Same Dimension

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



50A04E



53D14F



4EA074



474F47



038F00



000F00

Inverse Universe

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



9E4EA0



CE4FD1



A04E7A



4F474F



8B008F



0F000F

Previews

White Background



This preview shows how the Hex color 50A04E looks on a white background.

Color Contrast Check

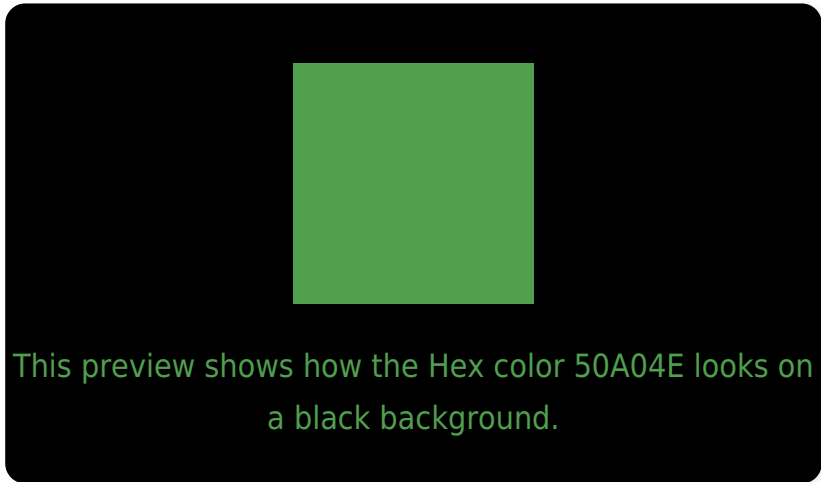
Large Text (above 18pt) WCAG AA ✓ Pass

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

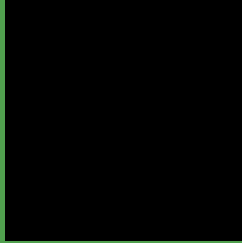
Any Text WCAG AA ✓ Pass

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 50A04E Background



This preview shows how black text looks on a background with the Hex color 50A04E.

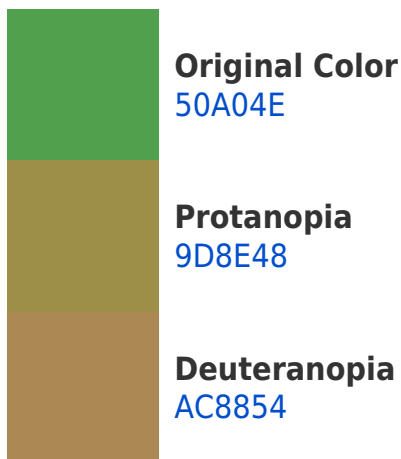


This preview shows how white text looks on a background with the Hex color 50A04E.

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
6297A3

Trichromacy



Original Color
50A04E



Protanomaly
81954A



Deuteranomaly
8B9152



Tritanomaly
5B9A84

Monochromacy



Original Color
50A04E



Achromatopsia
7F7F7F



Achromatomaly
6E8B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 50A04E 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 #50A04E looks like.

```
.text, #text, p{  
    color:#50A04E  
}
```

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 #50A04E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A04E
}
```

Border

The CSS property to change the border of an element to Hex 50A04E 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
#50A04E }
```

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

```
.border{ border-color:#50A04E }
```

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

Here you see how a box with a 4 pixel #50A04E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A04E; -webkit-box-shadow:4px 4px  
4px 4px #50A04E; box-shadow:4px 4px 4px  
4px #50A04E }
```

Background

The CSS property to change the background color of an element to Hex 50A04E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A04E }
```

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

```
.background{ background-color:#50A04E }
```

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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