

# Converting Colors

Hex(50A74E)

Have a look what the booklet for  
Hex(50A74E) contains.

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**Color**

**Hex(50A74E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50A74E
RGB	80, 167, 78
RGB Percent	31%, 65%, 31%
CMY	0.6863, 0.3451, 0.6941
CMYK	0.52, 0.00, 0.53, 0.35
HSL	119°, 36%, 48%
HSV	119°, 53%, 65%
XYZ	18.5021, 29.8930, 12.0025
YIQ	130.8410, -23.2830, -46.1230

# Conversions

## Conversions Part 2

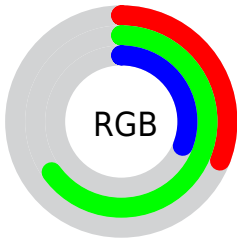
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 167, 165
Decimal	5285710
CIELab	61.56, -44.54, 37.83
CIELCh	62, 58.439, 139.657
Yxy	29.8930, 0.3063, 0.4949
Android (android.graphics.Color)	4283475790 (0xFF50A74E)
YUV	130.8410, -26.0506, -44.5876
Hunter-Lab	54.6745, -35.2750, 25.2564

# Details

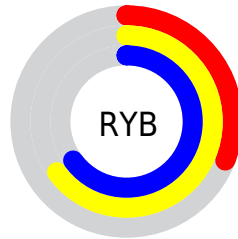
The Hex color **50A74E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A54EA7**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **88DF81**, and **0E721D** is the 20% darker color. If you saturate the color by 10%, you get **40A73D**, and if you desaturate by 10%, it is **60A75F**.

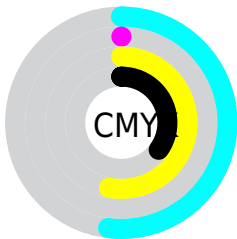
# Distribution



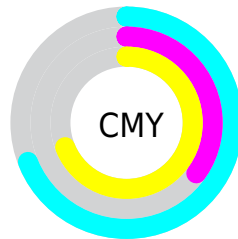
- Red (31%)
- Green (65%)
- Blue (31%)



- Red (31%)
- Yellow (65%)
- Blue (65%)



- Cyan (52%)
- Magenta (0%)
- Yellow (53%)
- Black (35%)



- Cyan (69%)
- Magenta (35%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50A74E 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 50A74E by changing the saturation by 10% instead.



 50A74E

 50A74E

FFFFFF

 338C35

 88DF81

 0E721D

 A4FC9C

 005900

 C0FFB7

 004000

 DDFFD3

 002B00

 FBFFF0

 000B00

 000000

 50A74E

 50A74E

 40A73D

 60A75F


 2FA72D

 71A76F

 1FA71C

 81A780

 0FA70B

 91A791

 04A700

 A2A7A1

 B2A7B2

 C2A7C3

 D3A7D4

 E3A7E4

# Harmonies

## Analogous

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



8F9C29



50A74E



00AC80

# Triad

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



50A74E



00A0FA



F36775

# Complementary

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



50A74E



A54EA7

# 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.



EA67A9



50A74E



758EF6

# Square

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



50A74E



00AAE3



C278D8



E27747

# Rectangle

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



50A74E



00AEA4



C278D8



F36486



# Sweetspot

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



50A74E



B7D9B6



A7A44E



596E59



EDEDED



6E6E6E



# Same Dimension

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



50A74E



51D94E



4EA778



4C544C



039400



001400



# Inverse Universe

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



A54EA7



D64ED9



A74E7D



544C54



910094



140014



# Previews

## White Background



This preview shows how the Hex color 50A74E looks on a white background.

## Color Contrast Check

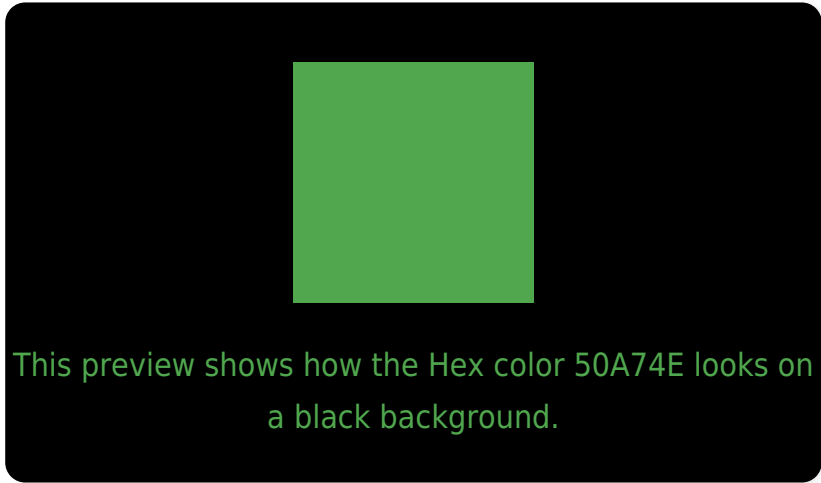
Large Text (above 18pt) WCAG AA ✓ Pass

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

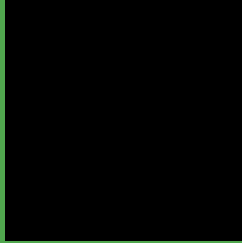
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 50A74E Background



This preview shows how black text looks on a background with the Hex color 50A74E.

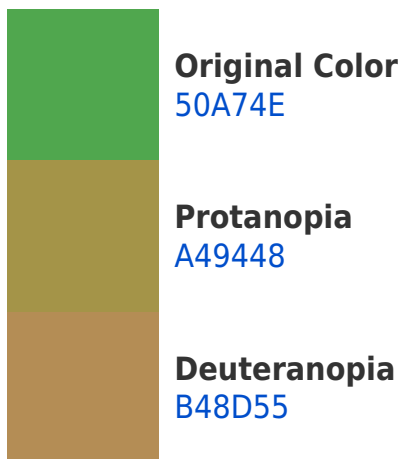


This preview shows how white text looks on a background with the Hex color 50A74E.

# 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](#).

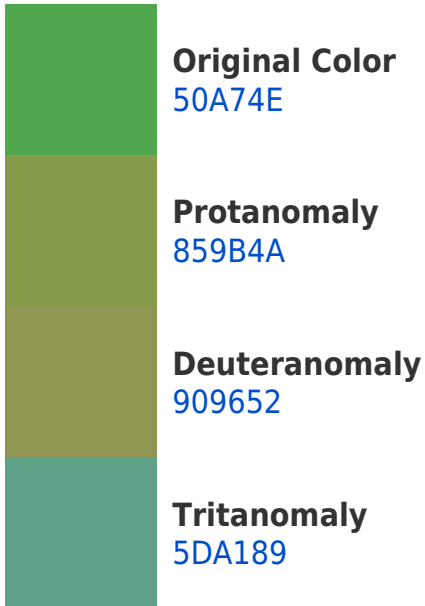
## Dichromacy



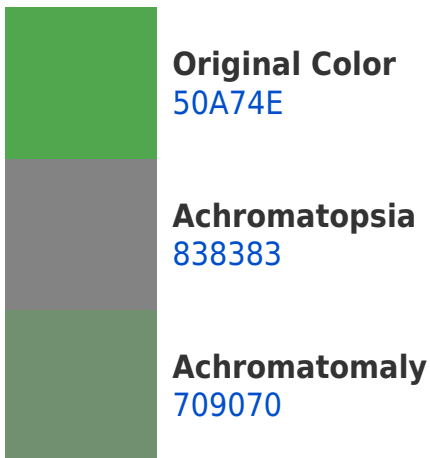


**Tritanopia**  
649DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50A74E 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 #50A74E looks like.

```
.text, #text, p{  
    color:#50A74E  
}
```

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 #50A74E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A74E
}
```

## Border

The CSS property to change the border of an element to Hex 50A74E 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
#50A74E }
```

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

```
.border{ border-color:#50A74E }
```

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

Here you see how a box with a 4 pixel #50A74E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A74E; -webkit-box-shadow:4px 4px  
4px 4px #50A74E; box-shadow:4px 4px 4px  
4px #50A74E }
```

# Background

The CSS property to change the background color of an element to Hex 50A74E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A74E }
```

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

```
.background{ background-color:#50A74E }
```

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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