

Converting Colors

Hex(50A766)

Have a look what the booklet for
Hex(50A766) contains.

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Color

Hex(50A766)

Conversions

Conversions Part 1

Format	Color
Hex	50A766
RGB	80, 167, 102
RGB Percent	31%, 65%, 40%
CMY	0.6863, 0.3451, 0.6000
CMYK	0.52, 0.00, 0.39, 0.35
HSL	135°, 35%, 48%
HSV	135°, 52%, 65%
XYZ	19.5253, 30.3022, 17.3902
YIQ	133.5770, -30.9870, -38.6590

Conversions

Conversions Part 2

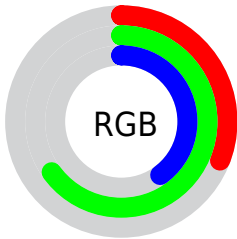
Format	Color
RYB	80, 149, 167
Decimal	5285734
CIELab	61.91, -40.81, 25.82
CIELCh	62, 48.296, 147.679
Yxy	30.3022, 0.2905, 0.4508
Android (android.graphics.Color)	4283475814 (0xFF50A766)
YUV	133.5770, -15.5675, -46.9870
Hunter-Lab	55.0474, -33.0193, 19.8027

Details

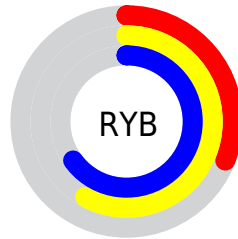
The Hex color **50A766** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A75091**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **87DF9A**, and **117236** is the 20% darker color. If you saturate the color by 10%, you get **3FA75A**, and if you desaturate by 10%, it is **61A772**.

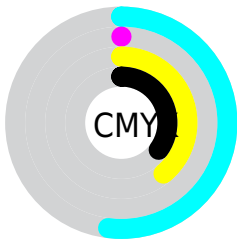
Distribution



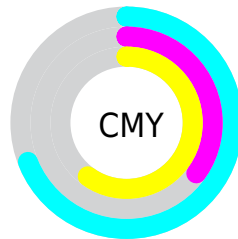
- Red (31%)
- Green (65%)
- Blue (40%)



- Red (31%)
- Yellow (58%)
- Blue (65%)



- Cyan (52%)
- Magenta (0%)
- Yellow (39%)
- Black (35%)



- Cyan (69%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A766 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 50A766 by changing the saturation by 10% instead.

 50A766

 50A766

FFFFFF

 348C4E

 87DF9A

 117236

 A3FCB5

 00591F

 BFFFD0

 004108

 DCF FED

 002A00

 FAFFFF

 000D00

 000000

 50A766

 50A766

 3FA75A

 61A772

 2FA74D

 71A77F

 1EA741

 82A78B

 0DA734

 93A798

 00A72A

 A3A7A4

 B4A7B1

 C5A7BD

 D6A7CA

 E6A7D6

Harmonies

Analogous

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



879F46



50A766



00AB91

Triad

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



50A766



379BEB



E47570

Complementary

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



50A766



A75091

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.



E2719B



50A766



938CE2

Square

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



50A766



00A6DD



C77BC4



D2824E

Rectangle

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



50A766



00ABAE



C77BC4



E6727E

Sweetspot

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



50A766



B6D9BF



91A750



596E5E



EDEDED



6E6E6E

Same Dimension

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



50A766



50D973



50A791



4C544E



009425



001405

Inverse Universe

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



A75091



D950B6



A75066



544C52



94006F



14000F

Previews

White Background



This preview shows how the Hex color 50A766 looks on a white background.

Color Contrast Check

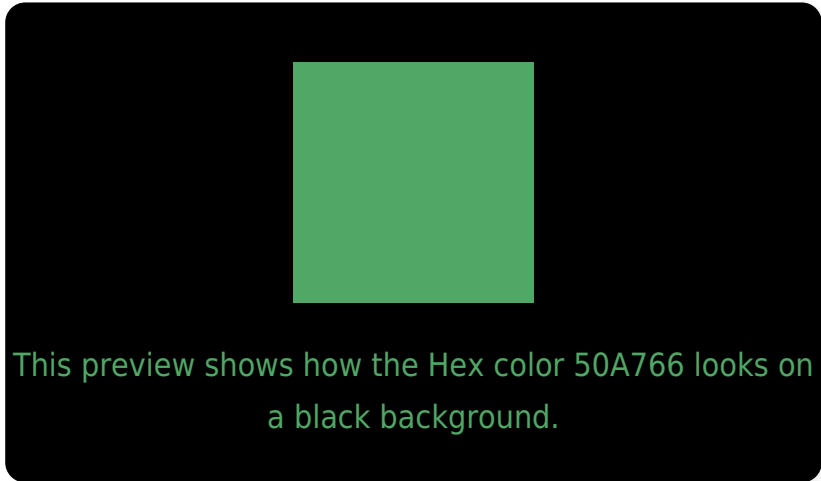
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

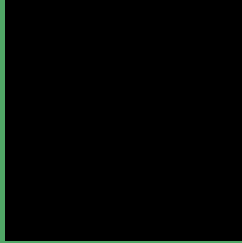
Any Text WCAG AA ✓ Pass

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 50A766 Background



This preview shows how black text looks on a background with the Hex color 50A766.



This preview shows how white text looks on a background with the Hex color 50A766.

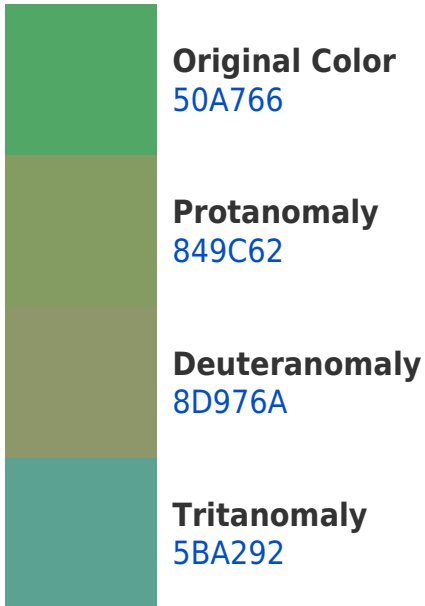
Color Blindness Simulation

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](#).

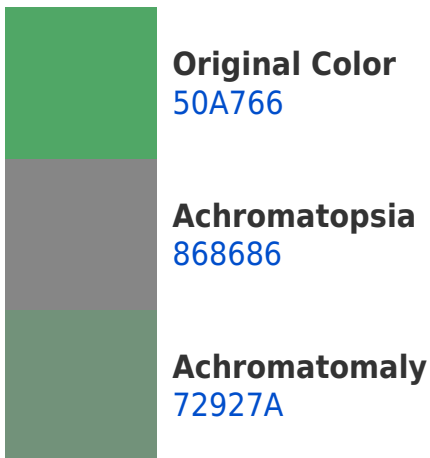
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A766 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 #50A766 looks like.

```
.text, #text, p{  
    color:#50A766  
}
```

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 #50A766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A766
}
```

Border

The CSS property to change the border of an element to Hex 50A766 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
#50A766 }
```

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

```
.border{ border-color:#50A766 }
```

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

Here you see how a box with a 4 pixel #50A766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A766; -webkit-box-shadow:4px 4px  
4px 4px #50A766; box-shadow:4px 4px 4px  
4px #50A766 }
```

Background

The CSS property to change the background color of an element to Hex 50A766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A766 }
```

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

```
.background{ background-color:#50A766 }
```

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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