

Converting Colors

Hex(50A961)

Have a look what the booklet for
Hex(50A961) contains.

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Color

Hex(50A961)

Conversions

Conversions Part 1

Format	Color
Hex	50A961
RGB	80, 169, 97
RGB Percent	31%, 66%, 38%
CMY	0.6863, 0.3373, 0.6196
CMYK	0.53, 0.00, 0.43, 0.34
HSL	131°, 36%, 49%
HSV	131°, 53%, 66%
XYZ	19.6539, 30.9445, 16.2463
YIQ	134.1810, -29.9320, -41.2600

Conversions

Conversions Part 2

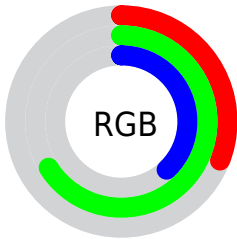
Format	Color
RYB	80, 155, 169
Decimal	5286241
CIELab	62.46, -42.52, 29.20
CIELCh	62, 51.583, 145.525
Yxy	30.9445, 0.2940, 0.4629
Android (android.graphics.Color)	4283476321 (0xFF50A961)
YUV	134.1810, -18.3302, -47.5167
Hunter-Lab	55.6278, -34.2826, 21.6236

Details

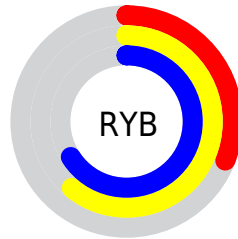
The Hex color **50A961** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A95098**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **87E195**, and **0F7431** is the 20% darker color. If you saturate the color by 10%, you get **3FA953**, and if you desaturate by 10%, it is **61A96F**.

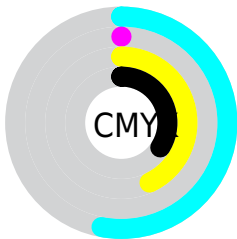
Distribution



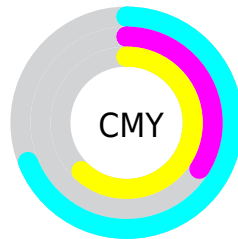
- Red (31%)
- Green (66%)
- Blue (38%)



- Red (31%)
- Yellow (61%)
- Blue (66%)



- Cyan (53%)
- Magenta (0%)
- Yellow (43%)
- Black (34%)



- Cyan (69%)
- Magenta (34%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A961 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 50A961 by changing the saturation by 10% instead.

 50A961

 50A961

FFFFFF

 338E49

 87E195

 0F7431

 A3FEAF

 005B1A

 C0FFCB

 004201

 DDFFE7

 002C00

 FAFFFF

 001000

 000000

 50A961

 50A961

 3FA953

 61A96F

 2EA946

 72A97C

 1DA938

 83A98A

 0CA92A

 94A998

 00A920

 A4A9A5

 B5A9B3

 C6A9C1

 D7A9CE

 E8A9DC

Harmonies

Analogous

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



8AA040



50A961



00AD8E

Triad

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



50A961



079EF2



EB7272

Complementary

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



50A961



A95098

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.



E76FA0



50A961



8E8EEA

Square

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



50A961



00A9E2



C97BCB



D9814C

Rectangle

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



50A961



00AEAE



C97BCB



EC7081

Sweetspot

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



50A961



B8DBBF



99A950



596E5D



EDEDED



6E6E6E

Same Dimension

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



50A961



51DB6C



50A98D



4C544D



00941C



001404

Inverse Universe

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



A95098



DB51C1



A9506C



544C53



940078



140011

Previews

White Background



This preview shows how the Hex color 50A961 looks on a white background.

Color Contrast Check

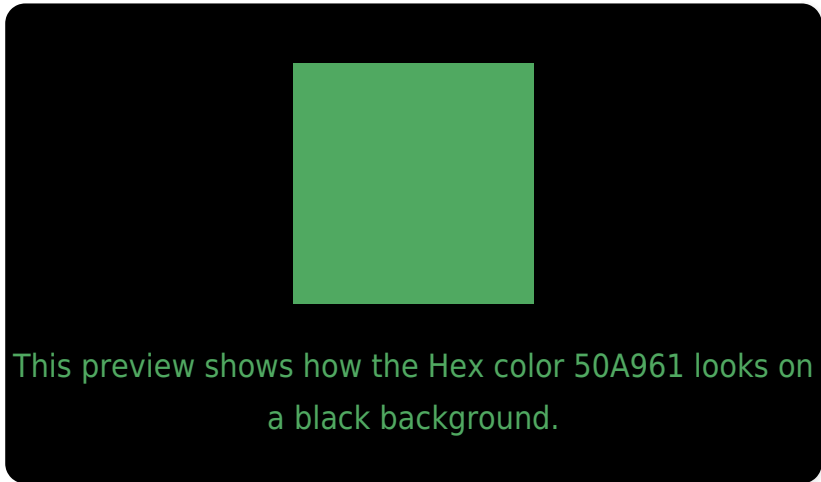
Large Text (above 18pt) WCAG AA × Fail

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

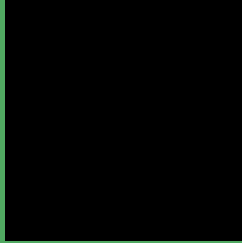
Any Text WCAG AA ✓ Pass

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 50A961 Background



This preview shows how black text looks on a background with the Hex color 50A961.

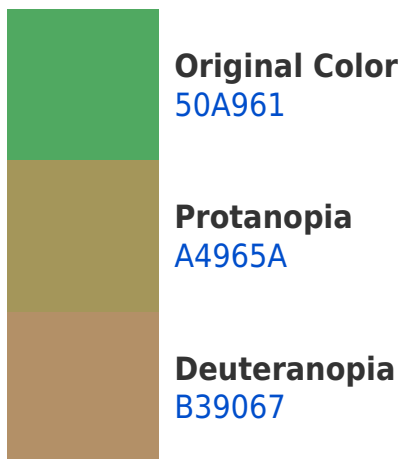


This preview shows how white text looks on a background with the Hex color 50A961.

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](#).

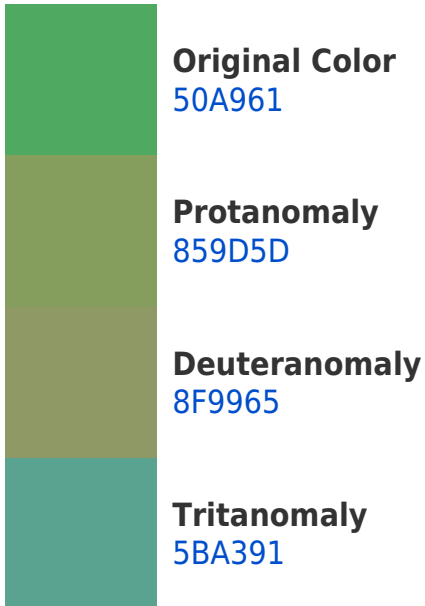
Dichromacy



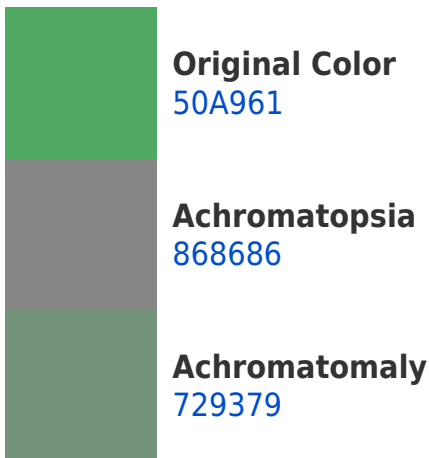


Tritanopia
62A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A961 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 #50A961 looks like.

```
.text, #text, p{  
    color:#50A961  
}
```

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 #50A961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A961
}
```

Border

The CSS property to change the border of an element to Hex 50A961 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
#50A961 }
```

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

```
.border{ border-color:#50A961 }
```

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

Here you see how a box with a 4 pixel #50A961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A961; -webkit-box-shadow:4px 4px  
4px 4px #50A961; box-shadow:4px 4px 4px  
4px #50A961 }
```

Background

The CSS property to change the background color of an element to Hex 50A961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A961 }
```

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

```
.background{ background-color:#50A961 }
```

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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