

Converting Colors

Hex(50AB79)

Have a look what the booklet for
Hex(50AB79) contains.

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Color

Hex(50AB79)

Conversions

Conversions Part 1

Format	Color
Hex	50AB79
RGB	80, 171, 121
RGB Percent	31%, 67%, 47%
CMY	0.6863, 0.3294, 0.5255
CMYK	0.53, 0.00, 0.29, 0.33
HSL	147°, 36%, 49%
HSV	147°, 53%, 67%
XYZ	21.3224, 32.2118, 23.1828
YIQ	138.0910, -38.1860, -34.8420

Conversions

Conversions Part 2

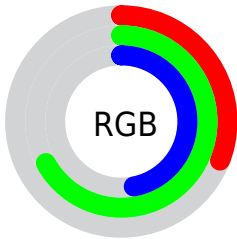
Format	Color
RYB	80, 143, 171
Decimal	5286777
CIELab	63.52, -38.94, 17.67
CIELCh	64, 42.761, 155.588
Yxy	32.2118, 0.2779, 0.4199
Android (android.graphics.Color)	4283476857 (0xFF50AB79)
YUV	138.0910, -8.4259, -50.9458
Hunter-Lab	56.7554, -32.2615, 15.5106

Details

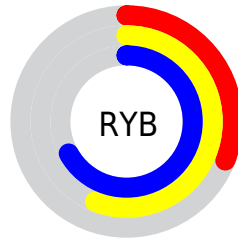
The Hex color **50AB79** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB5082**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **87E3AE**, and **0F7648** is the 20% darker color. If you saturate the color by 10%, you get **3FAB70**, and if you desaturate by 10%, it is **61AB82**.

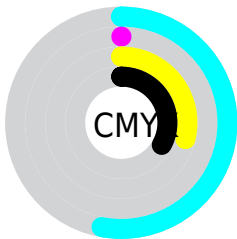
Distribution



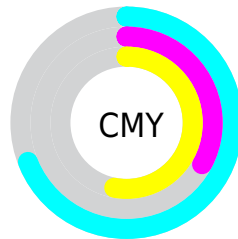
- Red (31%)
- Green (67%)
- Blue (47%)



- Red (31%)
- Yellow (56%)
- Blue (67%)



- Cyan (53%)
- Magenta (0%)
- Yellow (29%)
- Black (33%)



- Cyan (69%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50AB79 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 50AB79 by changing the saturation by 10% instead.

 50AB79

 50AB79

FFFFFF

 339060

 87E3AE

 0F7648

 A3FFC9

 005D31

 C0FFE5

 00441C

 DDFFFF

 002D04

 FAFFFF

 001500

 000000

 50AB79

 50AB79

 3FAB70

 61AB82

 2EAB66

 72AB8C

 1DAB5D

 83AB95

 0CAB53

 94AB9F

 00AB4D

 A5ABA8

 B7ABB1

 C8ABBB

 D9ABC4

 EAABCE

Harmonies

Analogous

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



82A45A



50AB79



00AEAO

Triad

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



50AB79



699BE5



DF806F

Complementary

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



50AB79



AB5082

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.



E17A94



50AB79



A78DD8

Square

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



50AB79



00A6DE



CF80BA



CB8D55

Rectangle

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



50AB79



00ADB9



CF80BA



E27D7B

Sweetspot

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



50AB79



BADECA



82AB50



5B7064



F0F0F0



707070

Same Dimension

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



50AB79



50DE90



50ABA6



4E5752



009644



00170A

Inverse Universe

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



AB5082



DE509E



AB5055



574E53



960053



17000D

Previews

White Background



This preview shows how the Hex color 50AB79 looks on a white background.

Color Contrast Check

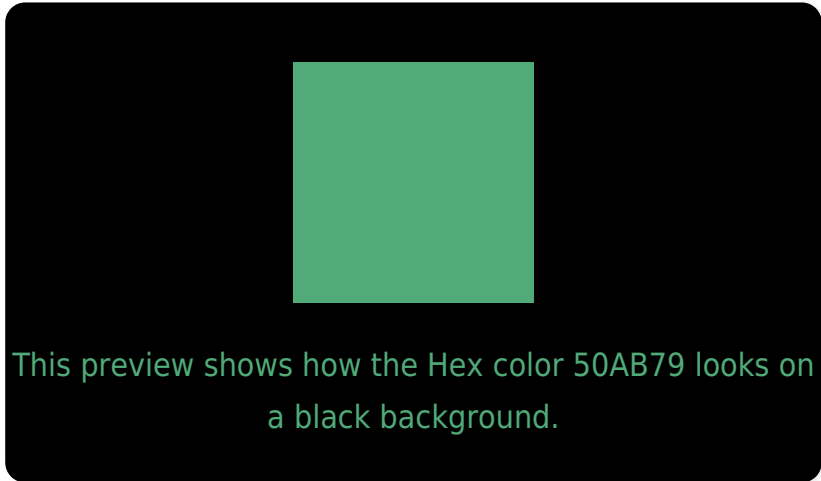
Large Text (above 18pt) WCAG AA × Fail

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 50AB79 Background



This preview shows how black text looks on a background with the Hex color 50AB79.



This preview shows how white text looks on a background with the Hex color 50AB79.

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](#).

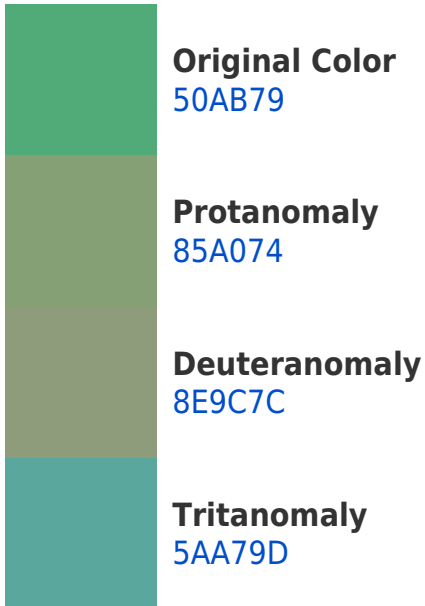
Dichromacy





Tritanopia
60A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50AB79 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 #50AB79 looks like.

```
.text, #text, p{  
    color:#50AB79  
}
```

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 #50AB79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50AB79
}
```

Border

The CSS property to change the border of an element to Hex 50AB79 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
#50AB79 }
```

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

```
.border{ border-color:#50AB79 }
```

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

Here you see how a box with a 4 pixel #50AB79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50AB79; -webkit-box-shadow:4px 4px  
4px 4px #50AB79; box-shadow:4px 4px 4px  
4px #50AB79 }
```

Background

The CSS property to change the background color of an element to Hex 50AB79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50AB79 }
```

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

```
.background{ background-color:#50AB79 }
```

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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