

Converting Colors

Hex(51A078)

Have a look what the booklet for
Hex(51A078) contains.

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Color

Hex(51A078)

Conversions

Conversions Part 1

Format	Color
Hex	51A078
RGB	81, 160, 120
RGB Percent	32%, 63%, 47%
CMY	0.6824, 0.3725, 0.5294
CMYK	0.49, 0.00, 0.25, 0.37
HSL	150°, 33%, 47%
HSV	150°, 49%, 63%
XYZ	19.3543, 28.2470, 22.2014
YIQ	131.8190, -34.2440, -29.1880

Conversions

Conversions Part 2

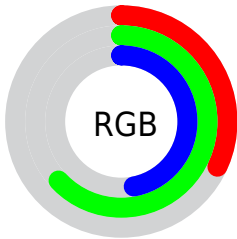
Format	Color
RYB	81, 134, 160
Decimal	5349496
CIELab	60.11, -33.91, 13.51
CIElCh	60, 36.498, 158.275
Yxy	28.2470, 0.2773, 0.4047
Android (android.graphics.Color)	4283539576 (0xFF51A078)
YUV	131.8190, -5.8268, -44.5683
Hunter-Lab	53.1479, -28.0064, 12.4364

Details

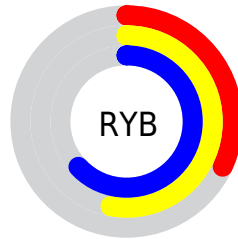
The Hex color **51A078** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A05179**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **87D7AC**, and **176C47** is the 20% darker color. If you saturate the color by 10%, you get **41A070**, and if you desaturate by 10%, it is **61A080**.

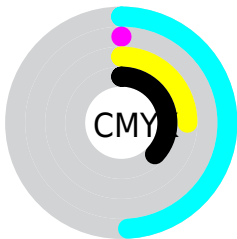
Distribution



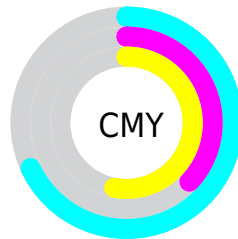
- Red (32%)
- Green (63%)
- Blue (47%)



- Red (32%)
- Yellow (53%)
- Blue (63%)



- Cyan (49%)
- Magenta (0%)
- Yellow (25%)
- Black (37%)



- Cyan (68%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51A078 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 51A078 by changing the saturation by 10% instead.

■ 51A078

■ 51A078

FFFFFF

■ 36855F

■ 87D7AC

■ 176C47

■ A3F4C8

■ 005331

■ BFFFE4

■ 003B1B

■ DBFFFF

■ 002602

■ F9FFFF

■ 000100

■ 000000

■ 51A078

■ 51A078

■ 41A070

■ 61A080

■ 31A068

■ 71A088

■ 21A060

■ 81A090

■ 11A058

■ 91A098

■ 01A04F

■ A1A0A1

■ 00A04F

■ B1A0A9

■ C1A0B1

■ D1A0B9

■ E1A0C1

Harmonies

Analogous

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



7A9B5D



51A078



13A299

Triad

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



51A078



6F91D0



CB7C6B

Complementary

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



51A078



A05179

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.



CE7789



51A078



A085C3

Square

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



51A078



2E9BCC



C07BA9



B98755

Rectangle

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



51A078



00A1AE



C07BA9



CE7A74

Sweetspot

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



51A078



B2D1C1



7AA051



56695F



E8E8E8



696969

Same Dimension

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



51A078



56D193



51A09F



474F4B



008F46



000F08

Inverse Universe

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



A05179



D15694



A05152



4F474B



8F0048



0F0008

Previews

White Background



This preview shows how the Hex color 51A078 looks on a white background.

Color Contrast Check

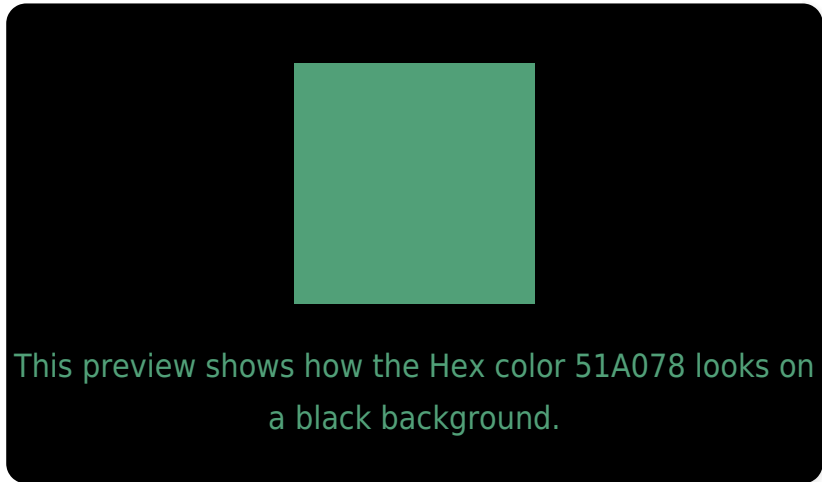
Large Text (above 18pt) WCAG AA ✓ Pass

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

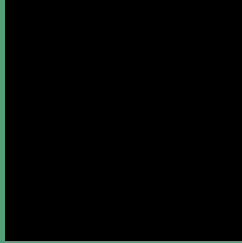
Any Text WCAG AA ✓ Pass

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 51A078 Background



This preview shows how black text looks on a background with the Hex color 51A078.

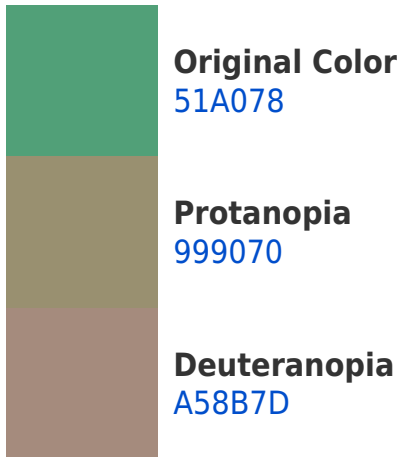


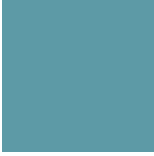
This preview shows how white text looks on a background with the Hex color 51A078.

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](#).

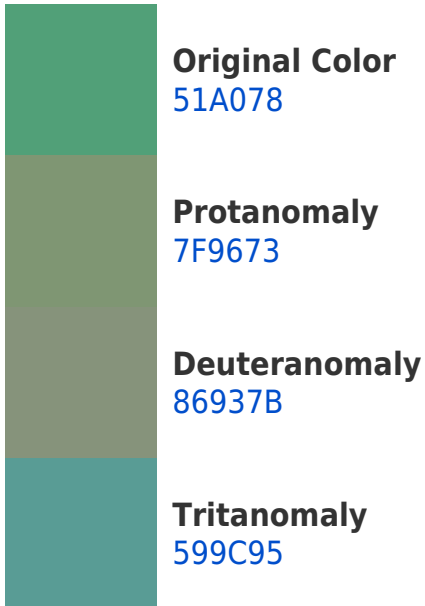
Dichromacy





Tritanopia
5D9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51A078 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 #51A078 looks like.

```
.text, #text, p{  
    color:#51A078  
}
```

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 #51A078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A078
}
```

Border

The CSS property to change the border of an element to Hex 51A078 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
#51A078 }
```

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

```
.border{ border-color:#51A078 }
```

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

Here you see how a box with a 4 pixel #51A078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A078; -webkit-box-shadow:4px 4px  
4px 4px #51A078; box-shadow:4px 4px 4px  
4px #51A078 }
```

Background

The CSS property to change the background color of an element to Hex 51A078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A078 }
```

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

```
.background{ background-color:#51A078 }
```

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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