

Converting Colors

Hex(51AF83)

Have a look what the booklet for
Hex(51AF83) contains.

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Color

Hex(51AF83)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 51AF83 |
| RGB | 81, 175, 131 |
| RGB Percent | 32%, 69%, 51% |
| CMY | 0.6824, 0.3137, 0.4863 |
| CMYK | 0.54, 0.00, 0.25, 0.31 |
| HSL | 152°, 37%, 50% |
| HSV | 152°, 54%, 69% |
| XYZ | 22.8200, 34.0480, 26.8419 |
| YIQ | 141.8780, -41.9000, -33.6120 |

Conversions

Conversions Part 2

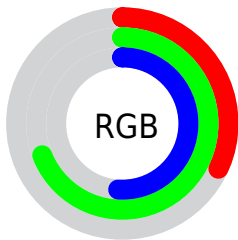
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 81, 142, 175 |
| Decimal | 5353347 |
| CIELab | 65.00, -38.38, 14.25 |
| CIElCh | 65, 40.938, 159.628 |
| Yxy | 34.0480, 0.2726, 0.4067 |
| Android (android.graphics.Color) | 4283543427 (0xFF51AF83) |
| YUV | 141.8780, -5.3629, -53.3900 |
| Hunter-Lab | 58.3506, -32.3050, 13.5714 |

Details

The Hex color **51AF83** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF517D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **89E7B8**, and **0E7A51** is the 20% darker color. If you saturate the color by 10%, you get **40AF7B**, and if you desaturate by 10%, it is **62AF8B**.

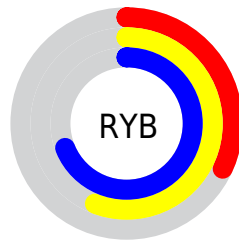
Distribution



Red (32%)

Green (69%)

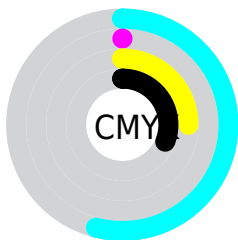
Blue (51%)



Red (32%)

Yellow (56%)

Blue (69%)

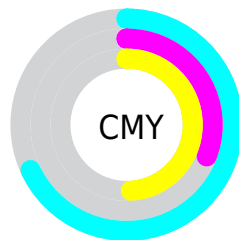


Cyan (54%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (68%)

Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51AF83 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 51AF83 by changing the saturation by 10% instead.

51AF83

51AF83

FFFFFF

34946A

89E7B8

0E7A51

A5FFD4

00603A

C2FFF0

004824

DFFFFFF

003010

FCFFFF

001A00

000000

51AF83

51AF83

40AF7B

62AF8B

■ 2EAF73

■ 74AF93

■ 1CAF6A

■ 86AF9C

■ 0BAF62

■ 97AFA4

■ 00AF5D

■ A9AFAC

■ BAAFB4

■ CBAFBC

■ DDAFC5

■ EEAFCD

Harmonies

Analogous

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



82A964



51AF83



00B1A9

Triad

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



51AF83



799DE6



DF8771

Complementary

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



51AF83



AF517D

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.



E48093



51AF83



B190D6

Square

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



51AF83



26A8E2



D584B8



CA9359

Rectangle

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



51AF83



00B0C1



D584B8



E2837B

Sweetspot

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



51AF83



BFE3D2



7EAF51



5D7369



F2F2F2



737373

Same Dimension

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



51AF83



52E39F



51ADAF



4E5753



009650



00170C

Inverse Universe

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



AF517D



E35296



AF5351



574E52



960046



17000B

Previews

White Background



This preview shows how the Hex color 51AF83 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

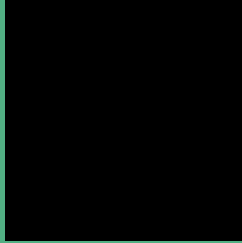
Any Text WCAG AA ✓ Pass

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 51AF83 Background



This preview shows how black text looks on a background with the Hex color 51AF83.

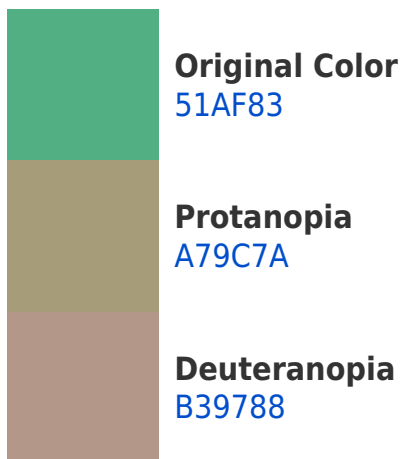


This preview shows how white text looks on a background with the Hex color 51AF83.

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](#).

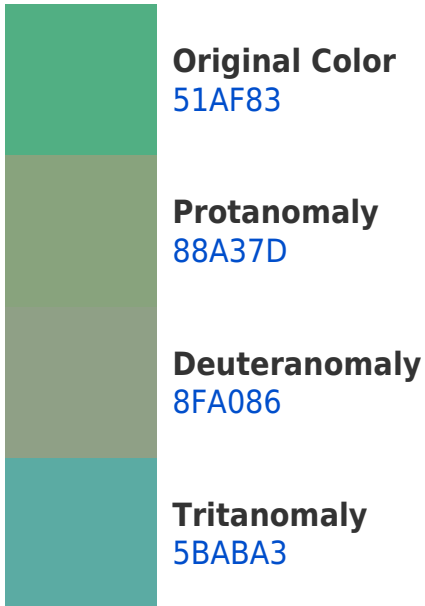
Dichromacy





Tritanopia
60A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51AF83 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 #51AF83 looks like.

```
.text, #text, p{  
    color:#51AF83  
}
```

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 #51AF83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51AF83  
}
```

Border

The CSS property to change the border of an element to Hex 51AF83 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  
#51AF83 }
```

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

```
.border{ border-color:#51AF83 }
```

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

Here you see how a box with a 4 pixel #51AF83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51AF83; -webkit-box-shadow:4px 4px  
4px 4px #51AF83; box-shadow:4px 4px 4px  
4px #51AF83 }
```

Background

The CSS property to change the background color of an element to Hex 51AF83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51AF83 }
```

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

```
.background{ background-color:#51AF83 }
```

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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