

# Converting Colors

Hex(57AFA2)

Have a look what the booklet for  
Hex(57AFA2) contains.

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# Color

Hex(57AFA2)

# Conversions

## Conversions Part 1

Format	Color
Hex	57AFA2
RGB	87, 175, 162
RGB Percent	34%, 69%, 64%
CMY	0.6588, 0.3137, 0.3647
CMYK	0.50, 0.00, 0.07, 0.31
HSL	171°, 35%, 51%
HSV	171°, 50%, 69%
XYZ	25.7820, 35.2948, 39.6361
YIQ	147.2060, -48.2750, -22.6990

# Conversions

## Conversions Part 2

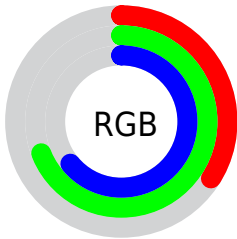
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 135, 175
Decimal	5746594
CIELab	65.98, -29.69, -1.46
CIELCh	66, 29.722, 182.822
Yxy	35.2948, 0.2560, 0.3504
Android (android.graphics.Color)	4283936674 (0xFF57AFA2)
YUV	147.2060, 7.2934, -52.8007
Hunter-Lab	59.4094, -26.5025, 2.0302

# Details

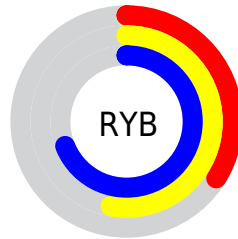
The Hex color **57AFA2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF5764**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **8FE7D9**, and **187A6E** is the 20% darker color. If you saturate the color by 10%, you get **46AF9F**, and if you desaturate by 10%, it is **69AFA5**.

# Distribution



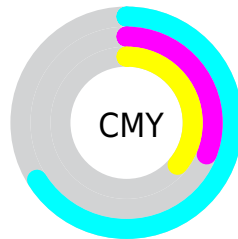
- Red (34%)
- Green (69%)
- Blue (64%)



- Red (34%)
- Yellow (53%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (66%)
- Magenta (31%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57AFA2 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 57AFA2 by changing the saturation by 10% instead.



57AFA2

57AFA2

FFFFFF

3A9488

8FE7D9

187A6E

ABFFF5

006156

C8FFFF

00483F

E5FFFF

003129

001E15

000000

57AFA2

57AFA2

46AF9F

69AFA5

■ 34AF9D

■ 7AAFA7

■ 22AF9A

■ 8BAFAA

■ 11AF98

■ 9DAFAC

■ 00AF95

■ AFAFAF

■ C0AFB2

■ D2AFB4

■ E3AFB7

■ F4AFB9

# Harmonies

## Analogous

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



75AD87



57AFA2



48AEBC

# Triad

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



57AFA2



A799CD



C79672

# Complementary

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



57AFA2



AF5764

# 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.



D48F85



57AFA2



C490B9

# Square

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



57AFA2



81A2D5



D48C9F



B09F6B

# Rectangle

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



57AFA2



51ABCA



D48C9F



CD9477



# Sweetspot

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



57AFA2



C1E3DE



64AF57



5E7370



F2F2F2



737373



# Same Dimension

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



57AFA2



5BE3CF



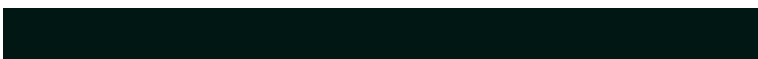
5790AF



4E5755



009680



001714



# Inverse Universe

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



AF5764



E35B6F



AF7657



574E4F



960016

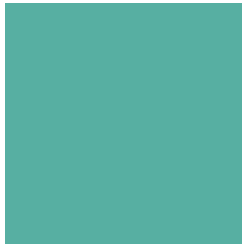


170003



# Previews

## White Background



This preview shows how the Hex color 57AFA2 looks on a white background.

## Color Contrast Check

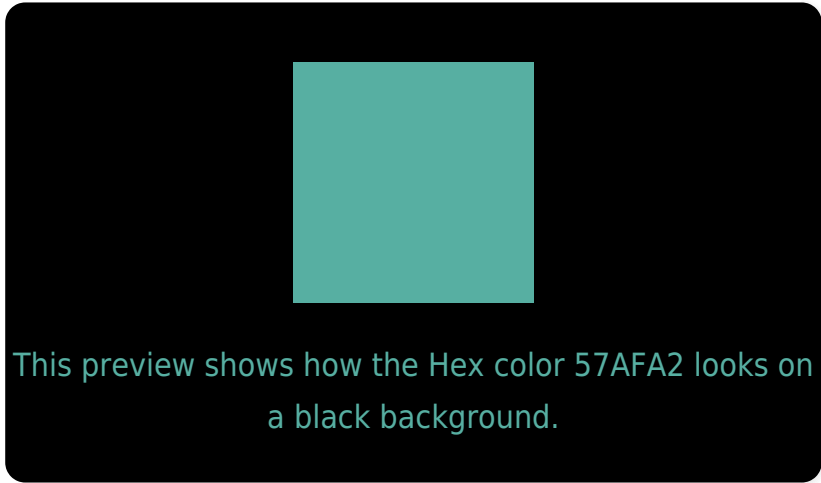
Large Text (above 18pt) WCAG AA × Fail

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

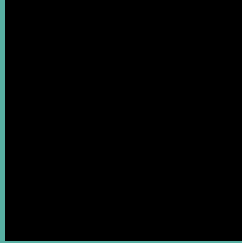
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57AFA2 Background



This preview shows how black text looks on a background with the Hex color 57AFA2.

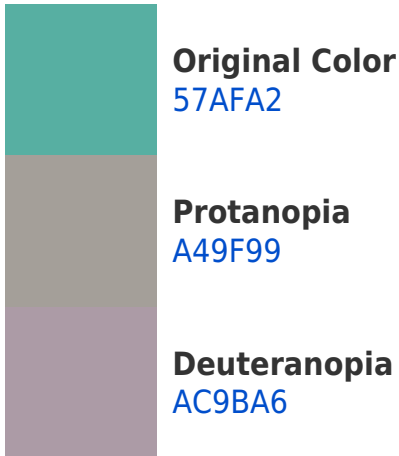


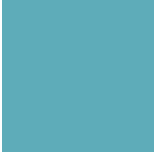
This preview shows how white text looks on a background with the Hex color 57AFA2.

# Color Blindness Simulation

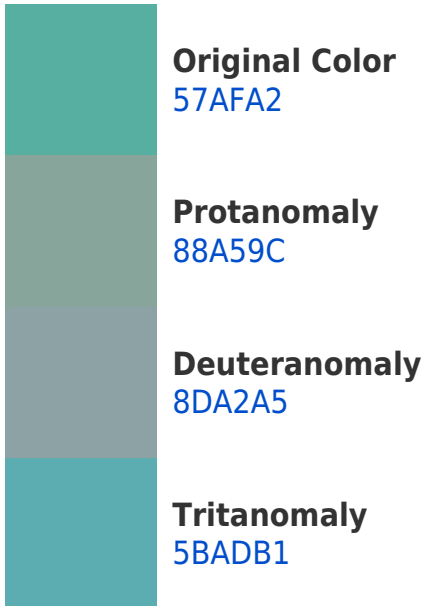
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57AFA2 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 #57AFA2 looks like.

```
.text, #text, p{  
    color:#57AFA2  
}
```

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 #57AFA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57AFA2
}
```

## Border

The CSS property to change the border of an element to Hex 57AFA2 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
#57AFA2 }
```

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

```
.border{ border-color:#57AFA2 }
```

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

Here you see how a box with a 4 pixel #57AFA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57AFA2; -webkit-box-shadow:4px 4px  
4px 4px #57AFA2; box-shadow:4px 4px 4px  
4px #57AFA2 }
```

# Background

The CSS property to change the background color of an element to Hex 57AFA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57AFA2 }
```

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

```
.background{ background-color:#57AFA2 }
```

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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