

# Converting Colors

Hex(58CC92)

Have a look what the booklet for  
Hex(58CC92) contains.

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**Color**

**Hex(58CC92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58CC92
RGB	88, 204, 146
RGB Percent	35%, 80%, 57%
CMY	0.6549, 0.2000, 0.4275
CMYK	0.57, 0.00, 0.28, 0.20
HSL	150°, 53%, 57%
HSV	150°, 57%, 80%
XYZ	30.8057, 47.3358, 34.7072
YIQ	162.7040, -50.5180, -42.6300

# Conversions

## Conversions Part 2

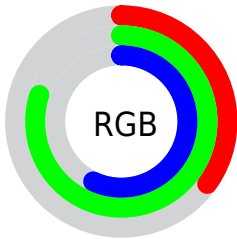
Format	Color
<a href="#">RYB</a>	<a href="#">88, 165, 204</a>
Decimal	<a href="#">5819538</a>
CIELab	<a href="#">74.40, -46.22, 19.25</a>
CIELCh	<a href="#">74, 50.067, 157.390</a>
Yxy	<a href="#">47.3358, 0.2730, 0.4195</a>
Android (android.graphics.Color)	<a href="#">4284009618 (0xFF58CC92)</a>
YUV	<a href="#">162.7040, -8.2351, -65.5154</a>
Hunter-Lab	<a href="#">68.8010, -40.4783, 18.2514</a>

# Details

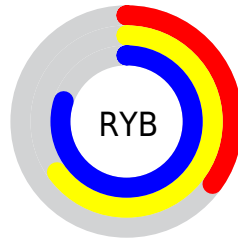
The Hex color **58CC92** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC5892**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **92FFC8**, and **0B955F** is the 20% darker color. If you saturate the color by 10%, you get **44CC88**, and if you desaturate by 10%, it is **6CCC9C**.

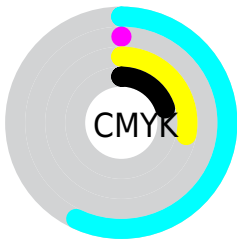
# Distribution



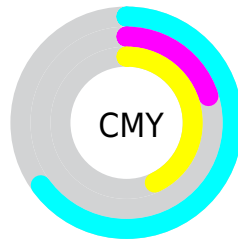
- Red (35%)
- Green (80%)
- Blue (57%)



- Red (35%)
- Yellow (65%)
- Blue (80%)



- Cyan (57%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)



- Cyan (65%)
- Magenta (20%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58CC92 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 58CC92 by changing the saturation by 10% instead.



 58CC92

 58CC92

FFFFFF

 39B078

 92FFC8

 0B955F

 AFFFE4

 007A47

 CDFFFF

 006130

 EBFFFF

 00481B

 003102

 001800

 000000

 58CC92

 58CC92

 44CC88

 6CCC9C

 2FCC7E

 81CCA6

 1BCC73

 95CCB1

 06CC69

 AACCB8

 00CC66

 BECCC5

 D2CCCF

 E7CCD9

 FBCCE4

 FFCCEE

# Harmonies

## Analogous

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



97C46B



58CC92



00CFC1

# Triad

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



58CC92



80B8FF



FF9881

# Complementary

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



58CC92



CC5892

# 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.



FF91AD



58CC92



CAA7FF

# Square

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



58CC92



00C5FF



F997DB



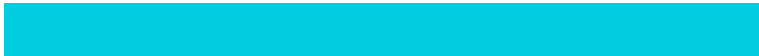
F0A862

# Rectangle

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



58CC92



00CEEO



F997DB



FF958F

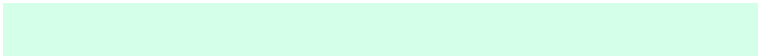


# Sweetspot

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



58CC92



D4FFE9



92CC58



668073



000000



808080



# Same Dimension

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



58CC92



52FFA8



58CCCC



5C6661



00A653



002613



# Inverse Universe

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



CC5892



FF52A8



CC5858



665C61



A60053



260013



# Previews

## White Background



This preview shows how the Hex color 58CC92 looks on a white background.

## Color Contrast Check

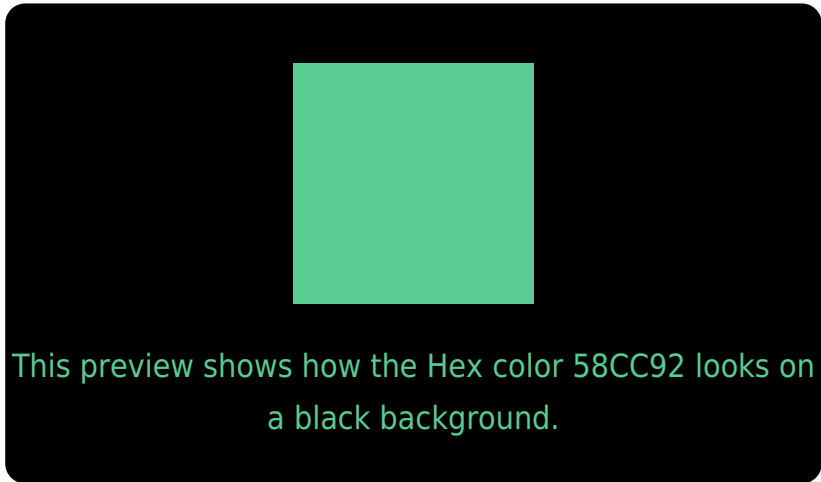
Large Text (above 18pt) WCAG AA × Fail

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 58CC92 Background



This preview shows how black text looks on a background with the Hex color 58CC92.

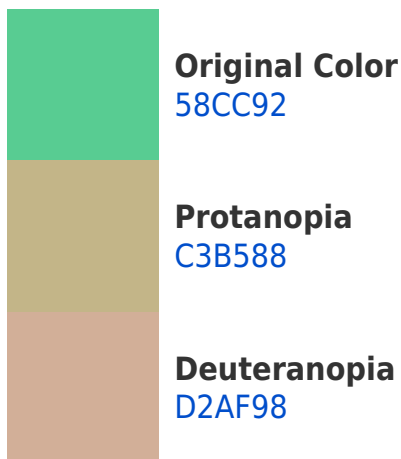


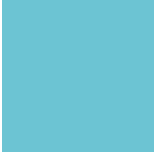
This preview shows how white text looks on a background with the Hex color 58CC92.

# 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**  
6CC4D3

# Trichromacy



**Original Color**  
58CC92



**Protanomaly**  
9CBD8C



**Deuteranomaly**  
A6BA96



**Tritanomaly**  
65C7BB

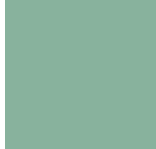
# Monochromacy



**Original Color**  
58CC92



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
88B29D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58CC92 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 #58CC92 looks like.

```
.text, #text, p{  
    color:#58CC92  
}
```

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 #58CC92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58CC92
}
```

## Border

The CSS property to change the border of an element to Hex 58CC92 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
#58CC92 }
```

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

```
.border{ border-color:#58CC92 }
```

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

Here you see how a box with a 4 pixel #58CC92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58CC92; -webkit-box-shadow:4px 4px  
4px 4px #58CC92; box-shadow:4px 4px 4px  
4px #58CC92 }
```

# Background

The CSS property to change the background color of an element to Hex 58CC92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58CC92 }
```

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

```
.background{ background-color:#58CC92 }
```

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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