

# Converting Colors

Hex(58DA92)

Have a look what the booklet for  
Hex(58DA92) contains.

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**Color**

**Hex(58DA92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58DA92
RGB	88, 218, 146
RGB Percent	35%, 85%, 57%
CMY	0.6549, 0.1451, 0.4275
CMYK	0.60, 0.00, 0.33, 0.15
HSL	147°, 64%, 60%
HSV	147°, 60%, 85%
XYZ	34.2842, 54.2928, 35.8667
YIQ	170.9220, -54.3680, -49.9520

# Conversions

## Conversions Part 2

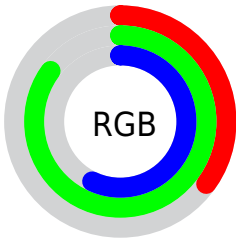
Format	Color
<a href="#">RYB</a>	<a href="#">88, 178, 218</a>
Decimal	<a href="#">5823122</a>
CIELab	<a href="#">78.63, -51.97, 25.03</a>
CIELCh	<a href="#">79, 57.689, 154.283</a>
Yxy	<a href="#">54.2928, 0.2755, 0.4363</a>
Android (android.graphics.Color)	<a href="#">4284013202 (0xFF58DA92)</a>
YUV	<a href="#">170.9220, -12.2865, -72.7226</a>
Hunter-Lab	<a href="#">73.6837, -45.8923, 22.7182</a>

# Details

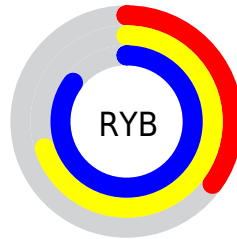
The Hex color **58DA92** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DA58A0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **94FFC8**, and **00A25F** is the 20% darker color. If you saturate the color by 10%, you get **42DA86**, and if you desaturate by 10%, it is **6EDA9E**.

# Distribution



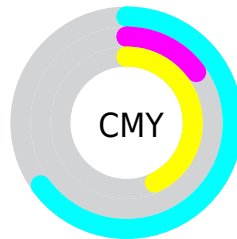
- Red (35%)
- Green (85%)
- Blue (57%)



- Red (35%)
- Yellow (70%)
- Blue (85%)



- Cyan (60%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58DA92 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 58DA92 by changing the saturation by 10% instead.



 58DA92

 58DA92

FFFFFF

 36BE78

 94FFC8

 00A25F

 B2FFE5

 008747

 D0FFFF

 006D2F

 EEEFFF

 005319

 003B01

 002400

 000000

 58DA92

 58DA92

 42DA86

 6EDA9E

 2CDA7A

 84DAAA

 17DA6E

 99DAB6

 01DA62

 AFDAC2

 00DA61

 C5DACE

 DBDADA

 F1DAE7

 FFDAF3

 FFDAFF

# Harmonies

## Analogous

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



A3D166



58DA92



00DEC9

# Triad

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



58DA92



70C6FF



FF9C89

# Complementary

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



58DA92



DA58A0

# 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.



FF94BD



58DA92



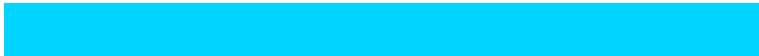
D0B1FF

# Square

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



58DA92



00D4FF



FF9EF2



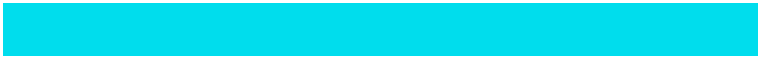
FFAF62

# Rectangle

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



58DA92



00DDED



FF9EF2



FF9899

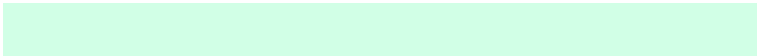


# Sweetspot

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



58DA92



D1FFE6



A2DA58



638070



000000



808080



# Same Dimension

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



58DA92



47FF99



58DAD1



636E68



00AD4D



002E14



# Inverse Universe

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



DA58A0



FF47AD



DA5861



6E6369



AD0060

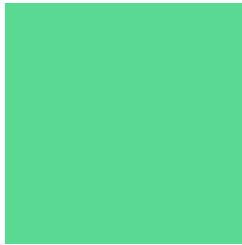


2E0019



# Previews

## White Background



This preview shows how the Hex color 58DA92 looks on a white background.

## Color Contrast Check

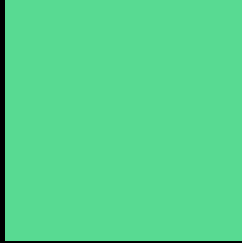
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 58DA92 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

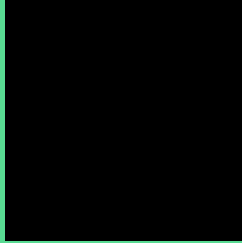
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 58DA92 Background



This preview shows how black text looks on a background with the Hex color 58DA92.

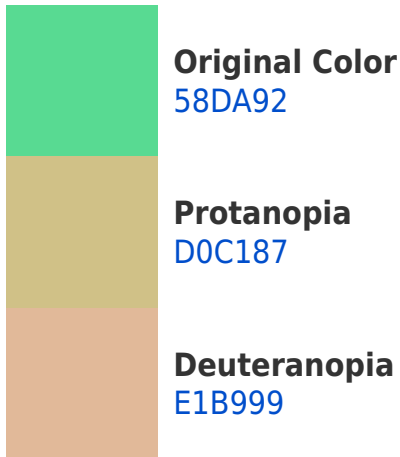


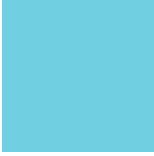
This preview shows how white text looks on a background with the Hex color 58DA92.

# 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**  
70D0E1

# Trichromacy



**Original Color**  
58DA92



**Protanomaly**  
A4CA8B



**Deuteranomaly**  
AFC596



**Tritanomaly**  
67D4C4

# Monochromacy



**Original Color**  
58DA92



**Achromatopsia**  
ABABAB



**Achromatomaly**  
8DBCA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58DA92 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 #58DA92 looks like.

```
.text, #text, p{  
    color:#58DA92  
}
```

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 #58DA92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58DA92
}
```

## Border

The CSS property to change the border of an element to Hex 58DA92 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
#58DA92 }
```

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

```
.border{ border-color:#58DA92 }
```

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

Here you see how a box with a 4 pixel #58DA92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58DA92; -webkit-box-shadow:4px 4px  
4px 4px #58DA92; box-shadow:4px 4px 4px  
4px #58DA92 }
```

# Background

The CSS property to change the background color of an element to Hex 58DA92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58DA92 }
```

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

```
.background{ background-color:#58DA92 }
```

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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