

# Converting Colors

Hex(6CBF92)

Have a look what the booklet for  
Hex(6CBF92) contains.

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**Color**

**Hex(6CBF92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CBF92
RGB	108, 191, 146
RGB Percent	42%, 75%, 57%
CMY	0.5765, 0.2510, 0.4275
CMYK	0.43, 0.00, 0.24, 0.25
HSL	147°, 39%, 59%
HSV	147°, 43%, 75%
XYZ	30.0035, 42.5251, 33.8209
YIQ	161.0530, -35.0230, -31.5910

# Conversions

## Conversions Part 2

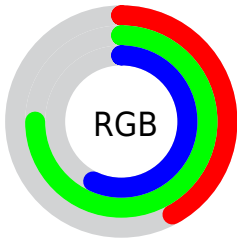
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 165, 191
Decimal	7126930
CIELab	71.23, -35.55, 14.95
CIElCh	71, 38.568, 157.191
Yxy	42.5251, 0.2821, 0.3999
Android (android.graphics.Color)	4285317010 (0xFF6CBF92)
YUV	161.0530, -7.4211, -46.5275
Hunter-Lab	65.2113, -31.9925, 14.8979

# Details

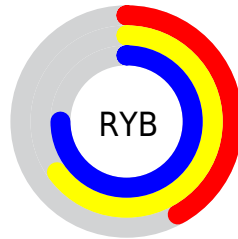
The Hex color **6CBF92** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF6C99**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A3F8C8**, and **35895F** is the 20% darker color. If you saturate the color by 10%, you get **59BF88**, and if you desaturate by 10%, it is **7FBF9C**.

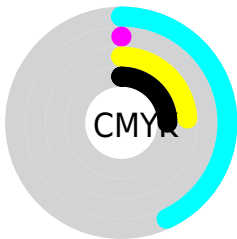
# Distribution



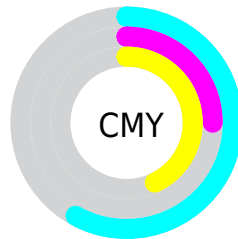
- Red (42%)
- Green (75%)
- Blue (57%)



- Red (42%)
- Yellow (65%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CBF92 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 6CBF92 by changing the saturation by 10% instead.





6CBF92



6CBF92

FFFFFF



51A478



A3F8C8



35895F



BFFFE4



156F48



DCFFFF



005631



F9FFFF



003E1B



002803



000800



000000



6CBF92



6CBF92

 59BF88

 7FBF9C

 46BF7D

 92BFA7

 33BF73

 A5BFB1

 20BF69

 B8BFBB

 0CBF5E

 CBBFC6

 00BF57

 DFBFD0

 F2BFDA

 FFBFE5

 FFBFEF

# Harmonies

## Analogous

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



97B975



6CBF92



3AC1B6

# Triad

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



6CBF92



89AFF4



EF9886

# Complementary

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



6CBF92



BF6C99

# 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.



F293A7



6CBF92



BEA2E6

# Square

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



6CBF92



4BB9EE



E297CA



DCA36E

# Rectangle

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



6CBF92



15C1CD



E297CA



F29590

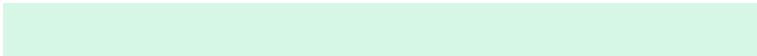


# Sweetspot

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



6CBF92



D7F7E6



9ABF6C



697D72



FCFCFC



7D7D7D



# Same Dimension

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



6CBF92



77F7B2



6CBFBB



555E59



009E48



001F0E



# Inverse Universe

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



BF6C99



F777BC



BF6C70



5E555A



9E0056



1F0011



# Previews

## White Background



This preview shows how the Hex color 6CBF92 looks on a white background.

## Color Contrast Check

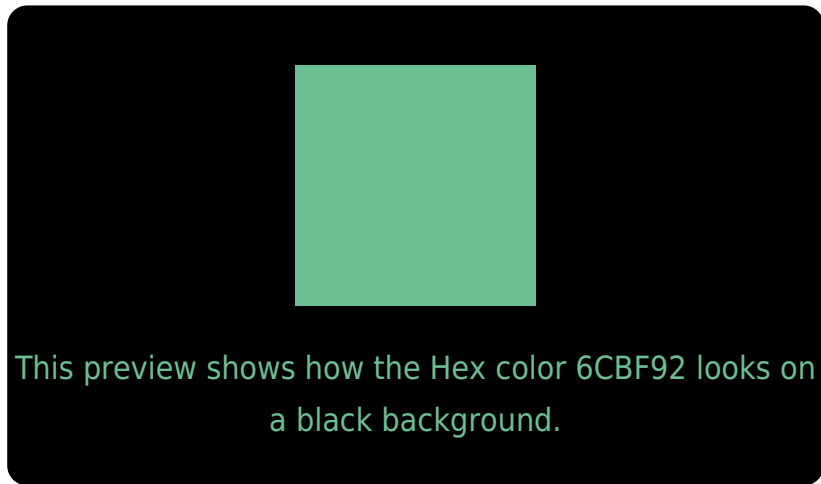
Large Text (above 18pt) WCAG AA × Fail

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

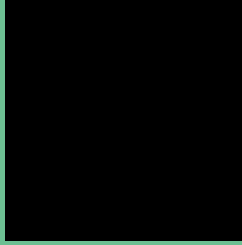
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CBF92 Background



This preview shows how black text looks on a background with the Hex color 6CBF92.

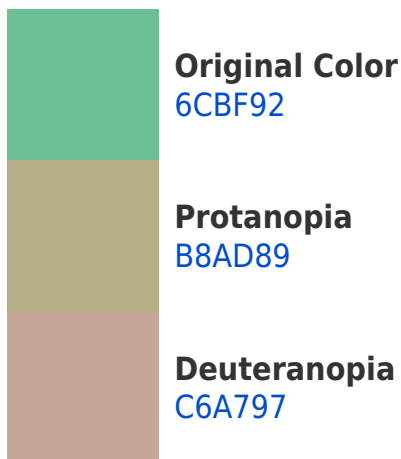


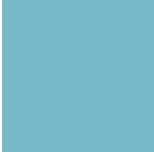
This preview shows how white text looks on a background with the Hex color 6CBF92.

# 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**  
79B8C7

# Trichromacy



**Original Color**  
6CBF92



**Protanomaly**  
9CB48C



**Deuteranomaly**  
A5B095



**Tritanomaly**  
74BBB4

# Monochromacy



**Original Color**  
6CBF92



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
8EAC9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CBF92 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 #6CBF92 looks like.

```
.text, #text, p{  
    color:#6CBF92  
}
```

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 #6CBF92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CBF92
}
```

## Border

The CSS property to change the border of an element to Hex 6CBF92 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
#6CBF92 }
```

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

```
.border{ border-color:#6CBF92 }
```

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

Here you see how a box with a 4 pixel #6CBF92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CBF92; -webkit-box-shadow:4px 4px  
4px 4px #6CBF92; box-shadow:4px 4px 4px  
4px #6CBF92 }
```

# Background

The CSS property to change the background color of an element to Hex 6CBF92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CBF92 }
```

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

```
.background{ background-color:#6CBF92 }
```

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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