

# Converting Colors

Hex(6CC2B7)

Have a look what the booklet for  
Hex(6CC2B7) contains.

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**Color**

**Hex(6CC2B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CC2B7
RGB	108, 194, 183
RGB Percent	42%, 76%, 72%
CMY	0.5765, 0.2392, 0.2824
CMYK	0.44, 0.00, 0.06, 0.24
HSL	172°, 41%, 59%
HSV	172°, 44%, 76%
XYZ	34.0234, 45.1906, 51.7292
YIQ	167.0320, -47.7250, -21.6530

# Conversions

## Conversions Part 2

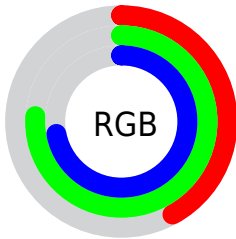
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 154, 194
Decimal	7127735
CIELab	73.02, -28.68, -2.58
CIELCh	73, 28.793, 185.143
Yxy	45.1906, 0.2598, 0.3451
Android (android.graphics.Color)	4285317815 (0xFF6CC2B7)
YUV	167.0320, 7.8722, -51.7711
Hunter-Lab	67.2240, -27.2996, 1.4328

# Details

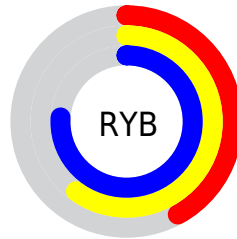
The Hex color **6CC2B7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C26C77**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A4FBEF**, and **338C82** is the 20% darker color. If you saturate the color by 10%, you get **59C2B5**, and if you desaturate by 10%, it is **7FC2B9**.

# Distribution



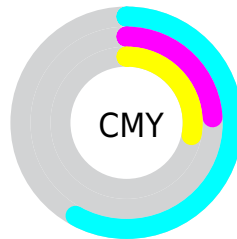
- Red (42%)
- Green (76%)
- Blue (72%)



- Red (42%)
- Yellow (60%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CC2B7 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 6CC2B7 by changing the saturation by 10% instead.



 6CC2B7

 6CC2B7

FFFFFF

 50A79C

 A4FBEF

 338C82

 C1FFFF

 0C7269

 DEFFFF

 005951

 FBFFFF

 00413A

 002B25

 001310

 000000

 6CC2B7

 6CC2B7

 59C2B5

 7FC2B9

 45C2B2

 93C2BC

 32C2B0

 A6C2BE

 1EC2AD

 BAC2C1

 0BC2AB

 CDC2C3

 00C2A9

 E0C2C6

 F4C2C8

 FFC2CB

 FFC2CD

# Harmonies

## Analogous

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



86C09C



6CC2B7



62C1D1

# Triad

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



6CC2B7



BDABDE



D9AA84

# Complementary

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



6CC2B7



C26C77

# 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.



E7A396



6CC2B7



D9A3CA

# Square

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



6CC2B7



98B4E7



E7A0B0



C2B37F

# Rectangle

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



6CC2B7



6CBEDE



E7A0B0



DFA789

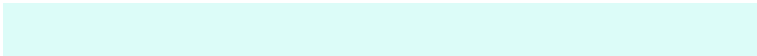


# Sweetspot

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



6CC2B7



DCFCF8



77C26C



6B807D



000000



808080



# Same Dimension

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



6CC2B7



77FCEB



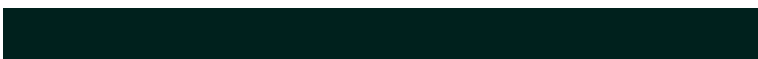
6CA2C2



576160



00A18C



00211D



# Inverse Universe

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



C26C77



FC7788



C28C6C



615758



A10015

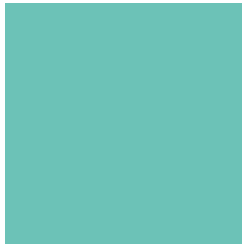


210004



# Previews

## White Background



This preview shows how the Hex color 6CC2B7 looks on a white background.

## Color Contrast Check

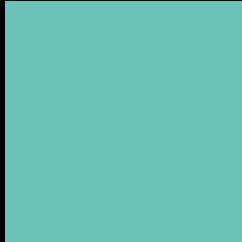
Large Text (above 18pt) WCAG AA × Fail

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 6CC2B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

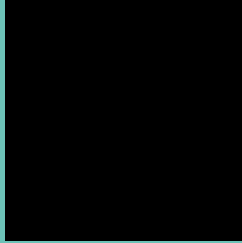
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

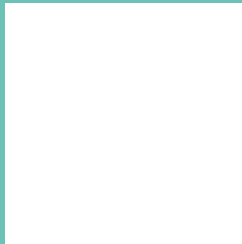
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CC2B7 Background



This preview shows how black text looks on a background with the Hex color 6CC2B7.



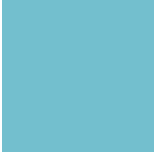
This preview shows how white text looks on a background with the Hex color 6CC2B7.

# 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**  
73BFCE

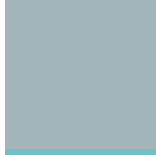
# Trichromacy



**Original Color**  
6CC2B7



**Protanomaly**  
9BB7B1



**Deuteranomaly**  
A1B5BA

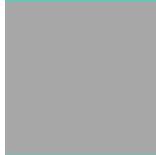


**Tritanomaly**  
70C0C6

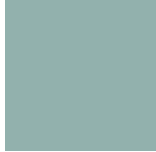
# Monochromacy



**Original Color**  
6CC2B7



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
92B1AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CC2B7 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 #6CC2B7 looks like.

```
.text, #text, p{  
    color:#6CC2B7  
}
```

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 #6CC2B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CC2B7
}
```

## Border

The CSS property to change the border of an element to Hex 6CC2B7 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
#6CC2B7 }
```

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

```
.border{ border-color:#6CC2B7 }
```

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

Here you see how a box with a 4 pixel #6CC2B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CC2B7; -webkit-box-shadow:4px 4px  
4px 4px #6CC2B7; box-shadow:4px 4px 4px  
4px #6CC2B7 }
```

# Background

The CSS property to change the background color of an element to Hex 6CC2B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CC2B7 }
```

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

```
.background{ background-color:#6CC2B7 }
```

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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