

# Converting Colors

Hex(6CC2B3)

Have a look what the booklet for  
Hex(6CC2B3) contains.

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**Color**

**Hex(6CC2B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CC2B3
RGB	108, 194, 179
RGB Percent	42%, 76%, 70%
CMY	0.5765, 0.2392, 0.2980
CMYK	0.44, 0.00, 0.08, 0.24
HSL	170°, 41%, 59%
HSV	170°, 44%, 76%
XYZ	33.6128, 45.0264, 49.5672
YIQ	166.5760, -46.4410, -22.8970

# Conversions

## Conversions Part 2

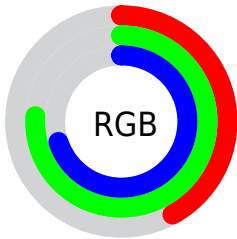
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 155, 194
Decimal	7127731
CIELab	72.91, -29.65, -0.56
CIELCh	73, 29.651, 181.086
Yxy	45.0264, 0.2622, 0.3512
Android (android.graphics.Color)	4285317811 (0xFF6CC2B3)
YUV	166.5760, 6.1250, -51.3712
Hunter-Lab	67.1017, -28.0132, 3.1744

# Details

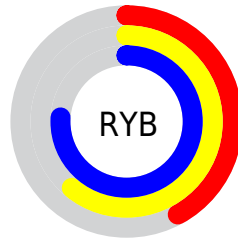
The Hex color **6CC2B3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C26C7B**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A4FBEB**, and **338C7E** is the 20% darker color. If you saturate the color by 10%, you get **59C2B0**, and if you desaturate by 10%, it is **7FC2B6**.

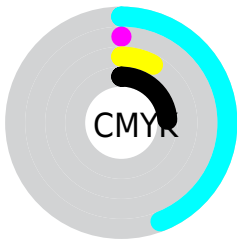
# Distribution



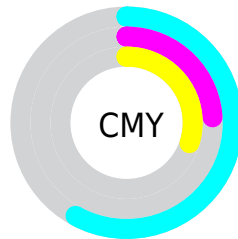
- Red (42%)
- Green (76%)
- Blue (70%)



- Red (42%)
- Yellow (61%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CC2B3 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 6CC2B3 by changing the saturation by 10% instead.





6CC2B3



6CC2B3

FFFFFF



50A798



A4FBEB



338C7E



C0FFFF



0E7265



DDFFFF



00594E



FBFFFF



004137



002A22



00120B



000000



6CC2B3



6CC2B3

 59C2B0

 7FC2B6

 45C2AC

 93C2BA

 32C2A9

 A6C2BD

 1EC2A5

 BAC2C1

 0BC2A2

 CDC2C4

 00C2A0

 E0C2C7

 F4C2CB

 FFC2CE

 FFC2D1

# Harmonies

## Analogous

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



89BF98



6CC2B3



5EC1CE

# Triad

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



6CC2B3



B8ACE1



DCA884

# Complementary

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



6CC2B3



C26C7B

# 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.



E8A198



6CC2B3



D7A3CE

# Square

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



6CC2B3



92B5E9



E79FB3



C5B27D

# Rectangle

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



6CC2B3



65BFDC



E79FB3



E2A68A



# Sweetspot

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



6CC2B3



DCFCF7



7CC26C



6B807C



000000



808080



# Same Dimension

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



6CC2B3



77FCE5



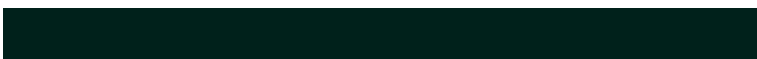
6CA7C2



57615F



00A185



00211B



# Inverse Universe

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



C26C7B



FC778E



C2876C



615759



A1001C



210006



# Previews

## White Background



This preview shows how the Hex color 6CC2B3 looks on a white background.

## Color Contrast Check

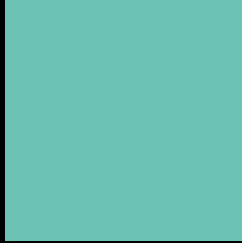
Large Text (above 18pt) WCAG AA × Fail

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 6CC2B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

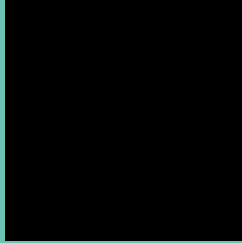
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

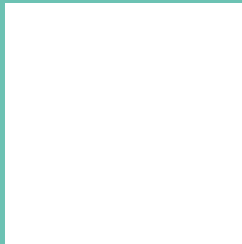
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CC2B3 Background



This preview shows how black text looks on a background with the Hex color 6CC2B3.

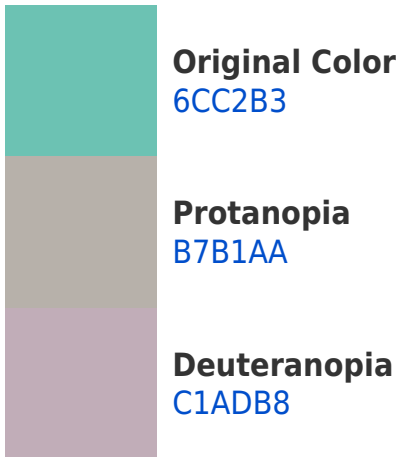


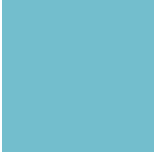
This preview shows how white text looks on a background with the Hex color 6CC2B3.

# 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**  
73BECD

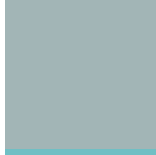
# Trichromacy



**Original Color**  
6CC2B3



**Protanomaly**  
9CB7AD



**Deuteranomaly**  
A2B5B6

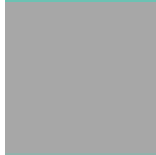


**Tritanomaly**  
70BFC4

# Monochromacy



**Original Color**  
6CC2B3



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
92B1AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CC2B3 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 #6CC2B3 looks like.

```
.text, #text, p{  
    color:#6CC2B3  
}
```

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 #6CC2B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CC2B3
}
```

## Border

The CSS property to change the border of an element to Hex 6CC2B3 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
#6CC2B3 }
```

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

```
.border{ border-color:#6CC2B3 }
```

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

Here you see how a box with a 4 pixel #6CC2B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CC2B3; -webkit-box-shadow:4px 4px  
4px 4px #6CC2B3; box-shadow:4px 4px 4px  
4px #6CC2B3 }
```

# Background

The CSS property to change the background color of an element to Hex 6CC2B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CC2B3 }
```

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

```
.background{ background-color:#6CC2B3 }
```

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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