

# Converting Colors

Hex(6CCDB3)

Have a look what the booklet for  
Hex(6CCDB3) contains.

<b>Hex(6CCDB3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6CCDB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CCDB3
RGB	108, 205, 179
RGB Percent	42%, 80%, 70%
CMY	0.5765, 0.1961, 0.2980
CMYK	0.47, 0.00, 0.13, 0.20
HSL	164°, 49%, 61%
HSV	164°, 47%, 80%
XYZ	36.1523, 50.1055, 50.4137
YIQ	173.0330, -49.4660, -28.6500

# Conversions

## Conversions Part 2

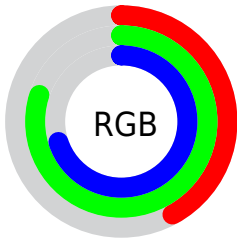
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 164, 205</a>
Decimal	<a href="#">7130547</a>
CIELab	<a href="#">76.13, -34.86, 4.13</a>
CIELCh	<a href="#">76, 35.099, 173.248</a>
Yxy	<a href="#">50.1055, 0.2645, 0.3666</a>
Android (android.graphics.Color)	<a href="#">4285320627 (0xFF6CCDB3)</a>
YUV	<a href="#">173.0330, 2.9417, -57.0339</a>
Hunter-Lab	<a href="#">70.7852, -32.7083, 7.3229</a>

# Details

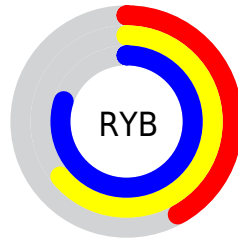
The Hex color **6CCDB3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD6C86**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A5FFEB**, and **31967E** is the 20% darker color. If you saturate the color by 10%, you get **57CDAE**, and if you desaturate by 10%, it is **81CDB8**.

# Distribution



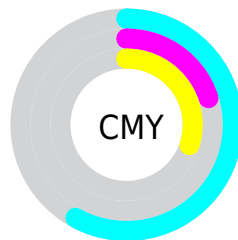
- Red (42%)
- Green (80%)
- Blue (70%)



- Red (42%)
- Yellow (64%)
- Blue (80%)



- Cyan (47%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)



- Cyan (58%)
- Magenta (20%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CCDB3 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 6CCDB3 by changing the saturation by 10% instead.





6CCDB3



6CCDB3

FFFFFF



4FB198



A5FFEB



31967E



C1FFFF



047C65



DFFFFFF



00624D



FCFFFF



004A37



003221



001E0B



000000



6CCDB3



6CCDB3

 57CDAE

 81CDB8

 43CDA8

 95CDBE

 2FCDA3

 AACDC3

 1ACD9D

 BECDC9

 06CD98

 D3CDCE

 00CD96

 E7CDD4

 FCCDD9

 FFCDDF

 FFCDE4

# Harmonies

## Analogous

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



93C994



6CCDB3



4FCDD4

# Triad

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



6CCDB3



B6B6F7



F1AC89

# Complementary

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



6CCDB3



CD6C86

# 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.



FCA5A4



6CCDB3



DEABE3

# Square

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



6CCDB3



84C1FC



F6A4C4



D9B77B

# Rectangle

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



6CCDB3



4FCBE7



F6A4C4



F6A991

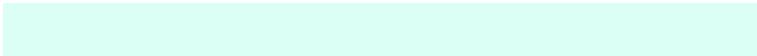


# Sweetspot

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



6CCDB3



DBFFF5



87CD6C



6A807A



000000



808080



# Same Dimension

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



6CCDB3



6EFFD8



6CB8CD



5C6663



00A679



00261C



# Inverse Universe

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



CD6C86



FF6E95



CD816C



665C5F



A6002C

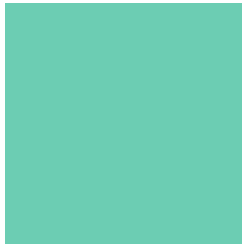


26000A



# Previews

## White Background



This preview shows how the Hex color 6CCDB3 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 6CCDB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

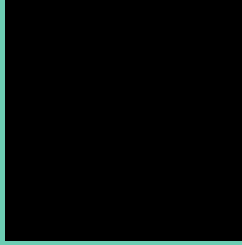
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

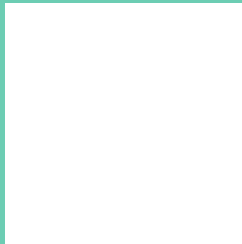
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CCDB3 Background



This preview shows how black text looks on a background with the Hex color 6CCDB3.

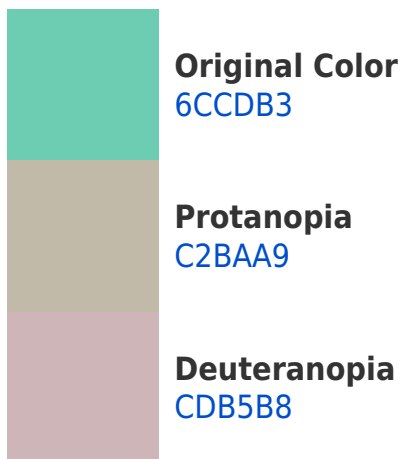


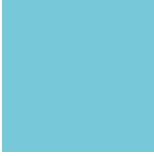
This preview shows how white text looks on a background with the Hex color 6CCDB3.

# 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**  
77C8D8

# Trichromacy



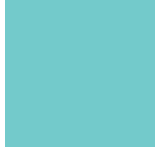
**Original Color**  
6CCDB3



**Protanomaly**  
A3C1AD



**Deuteranomaly**  
AABEB6

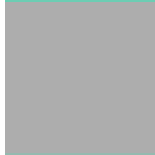


**Tritanomaly**  
73CACB

# Monochromacy



**Original Color**  
6CCDB3



**Achromatopsia**  
ADADAD



**Achromatomaly**  
95B9AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CCDB3 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 #6CCDB3 looks like.

```
.text, #text, p{  
    color:#6CCDB3  
}
```

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 #6CCDB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CCDB3
}
```

## Border

The CSS property to change the border of an element to Hex 6CCDB3 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
#6CCDB3 }
```

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

```
.border{ border-color:#6CCDB3 }
```

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

Here you see how a box with a 4 pixel #6CCDB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CCDB3; -webkit-box-shadow:4px 4px  
4px 4px #6CCDB3; box-shadow:4px 4px 4px  
4px #6CCDB3 }
```

# Background

The CSS property to change the background color of an element to Hex 6CCDB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CCDB3 }
```

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

```
.background{ background-color:#6CCDB3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor