

# Converting Colors

Hex(6DCCC3)

Have a look what the booklet for  
Hex(6DCCC3) contains.

<b>Hex(6DCCC3)</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(6DCCC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DCCC3
RGB	109, 204, 195
RGB Percent	43%, 80%, 76%
CMY	0.5725, 0.2000, 0.2353
CMYK	0.47, 0.00, 0.04, 0.20
HSL	174°, 48%, 61%
HSV	174°, 47%, 80%
XYZ	37.7499, 50.3771, 59.3639
YIQ	174.5690, -53.7310, -22.9390

# Conversions

## Conversions Part 2

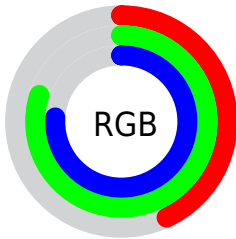
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 159, 204
Decimal	7195843
CIELab	76.30, -30.31, -4.25
CIElCh	76, 30.609, 187.979
Yxy	50.3771, 0.2559, 0.3416
Android (android.graphics.Color)	4285385923 (0xFF6DCCC3)
YUV	174.5690, 10.0725, -57.5040
Hunter-Lab	70.9768, -29.2720, 0.0945

# Details

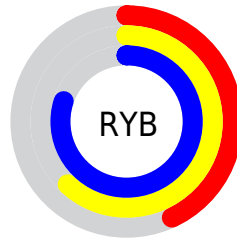
The Hex color **6DCCC3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC6D76**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A6FFFB**, and **31958D** is the 20% darker color. If you saturate the color by 10%, you get **59CCC1**, and if you desaturate by 10%, it is **81CCC5**.

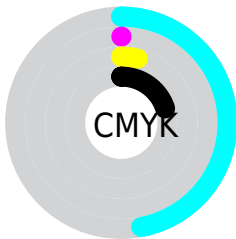
# Distribution



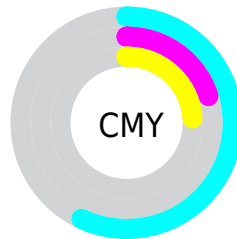
- Red (43%)
- Green (80%)
- Blue (76%)



- Red (43%)
- Yellow (62%)
- Blue (80%)



- Cyan (47%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (57%)
- Magenta (20%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DCCC3 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 6DCCC3 by changing the saturation by 10% instead.





6DCCC3



6DCCC3

FFFFFF



50B0A8



A6FFFB



31958D



C3FFFF



027B74



E0FFFF



00625B

FEFFFF



004A44



00322E



001F19



000000



6DCCC3



6DCCC3

■ 59CCC1

■ 81CCC5

■ 44CCBF

■ 96CCC7

■ 30CCBD

■ AACCC9

■ 1BCCBB

■ BFCCCB

■ 07CCB9

■ D3CCCD

■ 00CCB9

■ E7CCCF

■ FCCCD1

■ FFCCD2

■ FFCCD4

# Harmonies

## Analogous

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



89CAA6



6DCCC3



65CADE

# Triad

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



6DCCC3



CAB2E9



E2B388

# Complementary

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



6DCCC3



CC6D76

# 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.



F2AB9B



6DCCC3



E7AAD2

# Square

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



6DCCC3



A3BCF4



F4A7B6



C9BD84

# Rectangle

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



6DCCC3



71C7EB



F4A7B6



E9B08D

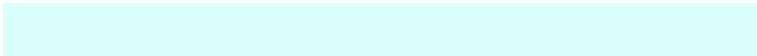


# Sweetspot

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



6DCCC3



DBFFFC



76CC6D



6A807D



000000



808080



# Same Dimension

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



6DCCC3



70FFF1



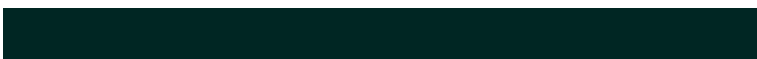
6DA6CC



5C6665



00A696



002623



# Inverse Universe

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



CC6D76



FF707E



CC936D



665C5D



A60010

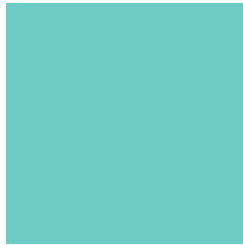


260004



# Previews

## White Background



This preview shows how the Hex color 6DCCC3 looks on a white background.

## Color Contrast Check

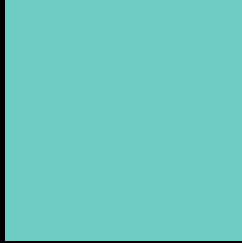
Large Text (above 18pt) WCAG AA × Fail

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 6DCCC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

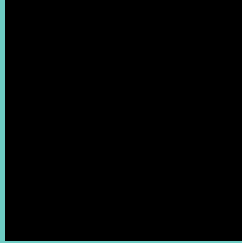
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

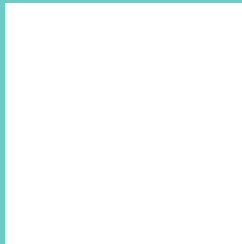
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DCCC3 Background



This preview shows how black text looks on a background with the Hex color 6DCCC3.

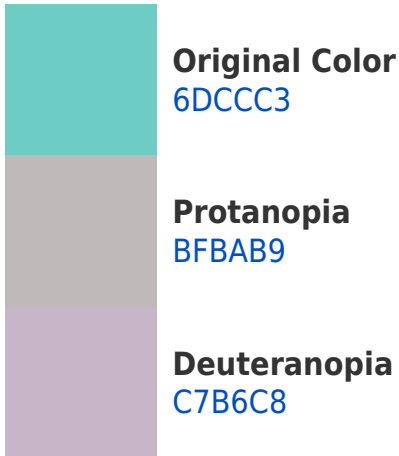


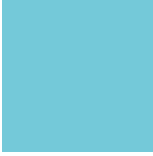
This preview shows how white text looks on a background with the Hex color 6DCCC3.

# 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**  
74C9D9

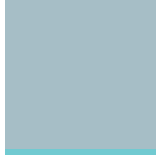
# Trichromacy



**Original Color**  
6DCCC3



**Protanomaly**  
A1C1BD



**Deuteranomaly**  
A6BEC6

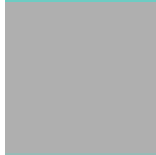


**Tritanomaly**  
71CAD1

# Monochromacy



**Original Color**  
6DCCC3



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
97BAB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DCCC3 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 #6DCCC3 looks like.

```
.text, #text, p{  
    color:#6DCCC3  
}
```

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 #6DCCC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DCCC3  
}
```

## Border

The CSS property to change the border of an element to Hex 6DCCC3 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  
#6DCCC3 }
```

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

```
.border{ border-color:#6DCCC3 }
```

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

Here you see how a box with a 4 pixel #6DCCC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DCCC3; -webkit-box-shadow:4px 4px  
4px 4px #6DCCC3; box-shadow:4px 4px 4px  
4px #6DCCC3 }
```

# Background

The CSS property to change the background color of an element to Hex 6DCCC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DCCC3 }
```

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

```
.background{ background-color:#6DCCC3 }
```

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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