

# Converting Colors

Hex(6DC5B3)

Have a look what the booklet for  
Hex(6DC5B3) contains.

<b>Hex(6DC5B3)</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(6DC5B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DC5B3
RGB	109, 197, 179
RGB Percent	43%, 77%, 70%
CMY	0.5725, 0.2275, 0.2980
CMYK	0.45, 0.00, 0.09, 0.23
HSL	168°, 43%, 60%
HSV	168°, 45%, 77%
XYZ	34.4096, 46.4384, 49.7978
YIQ	168.6360, -46.6700, -24.2540

# Conversions

## Conversions Part 2

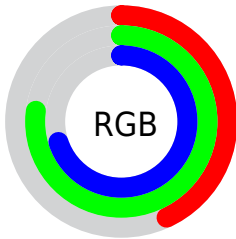
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 158, 197
Decimal	7194035
CIELab	73.83, -30.84, 0.79
CIELCh	74, 30.849, 178.540
Yxy	46.4384, 0.2634, 0.3555
Android (android.graphics.Color)	4285384115 (0xFF6DC5B3)
YUV	168.6360, 5.1095, -52.3008
Hunter-Lab	68.1457, -29.1229, 4.3756

# Details

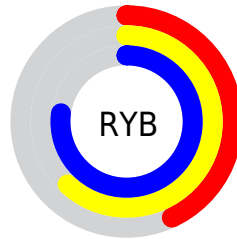
The Hex color **6DC5B3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C56D7F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A5FEEB**, and **348F7E** is the 20% darker color. If you saturate the color by 10%, you get **59C5AF**, and if you desaturate by 10%, it is **81C5B7**.

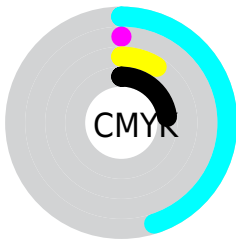
# Distribution



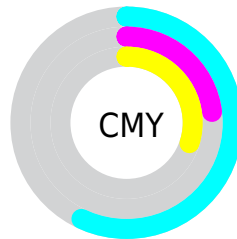
- Red (43%)
- Green (77%)
- Blue (70%)



- Red (43%)
- Yellow (62%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DC5B3 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 6DC5B3 by changing the saturation by 10% instead.



 6DC5B3

 6DC5B3

FFFFFF

 51AA98

 A5FEEB

 348F7E

 C2FFFF

 0F7565

 DFFFFF

 005C4E

 FCFFFF

 004437

 002D22

 00160B

 000000

 6DC5B3

 6DC5B3

■ 59C5AF

■ 81C5B7

■ 46C5AB

■ 94C5BB

■ 32C5A7

■ A8C5BF

■ 1EC5A3

■ BCC5C3

■ 0BC59F

■ D0C5C7

■ 00C59D

■ E3C5CB

■ F7C5CF

■ FFC5D3

■ FFC5D7

# Harmonies

## Analogous

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



8CC297



6DC5B3



5BC4CF

# Triad

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



6DC5B3



B8AFE7



E2AA86

# Complementary

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



6DC5B3



C56D7F

# 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.



EEA29C



6DC5B3



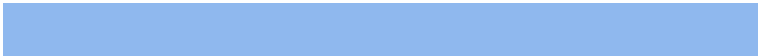
D8A5D3

# Square

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



6DC5B3



8FB8EE



EBA1B8



CBB37D

# Rectangle

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



6DC5B3



61C2DF



EBA1B8



E7A78C



# Sweetspot

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



6DC5B3



DEFFF8



80C56D



6B807B



000000



808080



# Same Dimension

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



6DC5B3



75FFE3



6DACC5



5A6361



00A382



00241C



# Inverse Universe

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



C56D7F



FF7591



C5866D



635A5C



A30021

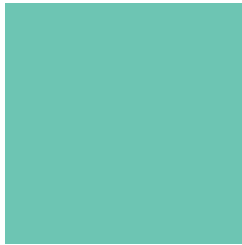


240007



# Previews

## White Background



This preview shows how the Hex color 6DC5B3 looks on a white background.

## Color Contrast Check

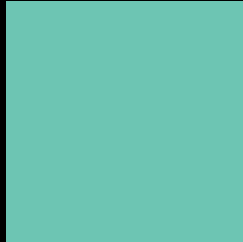
Large Text (above 18pt) WCAG AA × Fail

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 6DC5B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

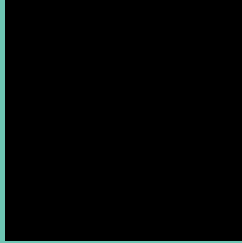
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

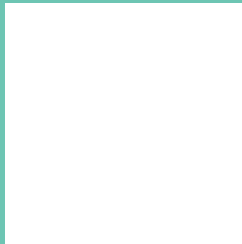
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DC5B3 Background



This preview shows how black text looks on a background with the Hex color 6DC5B3.

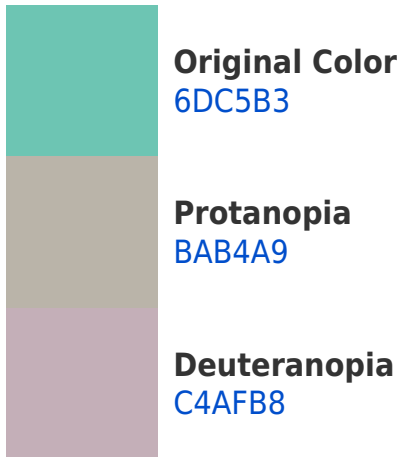


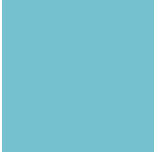
This preview shows how white text looks on a background with the Hex color 6DC5B3.

# 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](#).

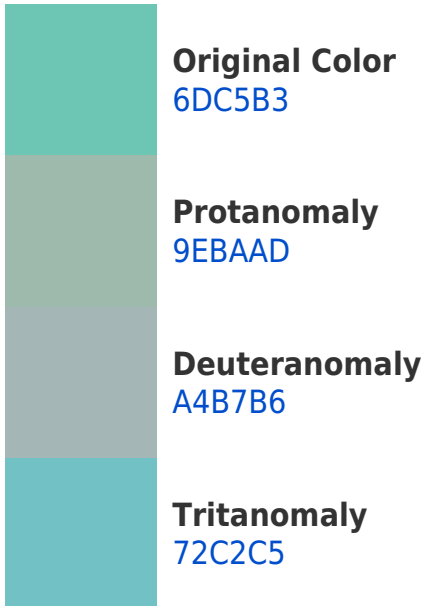
## Dichromacy



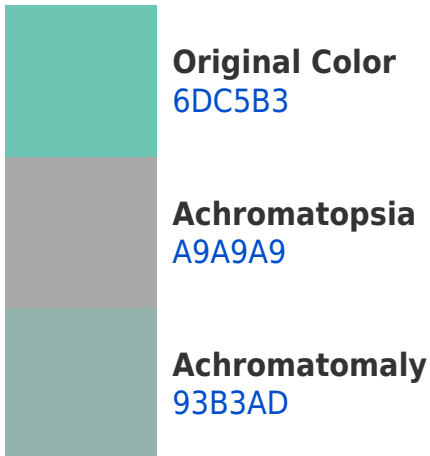


**Tritanopia**  
75C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DC5B3 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 #6DC5B3 looks like.

```
.text, #text, p{  
    color:#6DC5B3  
}
```

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 #6DC5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC5B3
}
```

## Border

The CSS property to change the border of an element to Hex 6DC5B3 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
#6DC5B3 }
```

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

```
.border{ border-color:#6DC5B3 }
```

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

Here you see how a box with a 4 pixel #6DC5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC5B3; -webkit-box-shadow:4px 4px  
4px 4px #6DC5B3; box-shadow:4px 4px 4px  
4px #6DC5B3 }
```

# Background

The CSS property to change the background color of an element to Hex 6DC5B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC5B3 }
```

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

```
.background{ background-color:#6DC5B3 }
```

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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