

# Converting Colors

Hex(66D5C1)

Have a look what the booklet for  
Hex(66D5C1) contains.

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# Color

Hex(66D5C1)

# Conversions

## Conversions Part 1

Format	Color
Hex	66D5C1
RGB	102, 213, 193
RGB Percent	40%, 84%, 76%
CMY	0.6000, 0.1647, 0.2431
CMYK	0.52, 0.00, 0.09, 0.16
HSL	169°, 57%, 62%
HSV	169°, 52%, 84%
XYZ	38.8994, 54.2635, 58.8758
YIQ	177.5310, -59.7360, -29.7520

# Conversions

## Conversions Part 2

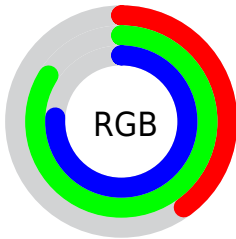
Format	Color
<a href="#">RYB</a>	<a href="#">102, 163, 213</a>
Decimal	<a href="#">6739393</a>
CIELab	<a href="#">78.62, -36.60, 0.19</a>
CIELCh	<a href="#">79, 36.599, 179.700</a>
Yxy	<a href="#">54.2635, 0.2559, 0.3569</a>
Android (android.graphics.Color)	<a href="#">4284929473 (0xFF66D5C1)</a>
YUV	<a href="#">177.5310, 7.6262, -66.2407</a>
Hunter-Lab	<a href="#">73.6638, -34.6518, 4.1771</a>

# Details

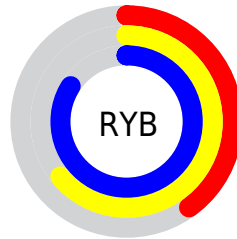
The Hex color **66D5C1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D5667A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A0FFF9**, and **249E8C** is the 20% darker color. If you saturate the color by 10%, you get **51D5BD**, and if you desaturate by 10%, it is **7BD5C5**.

# Distribution



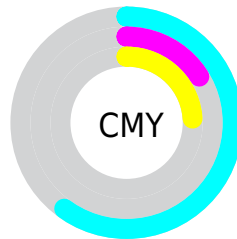
- Red (40%)
- Green (84%)
- Blue (76%)



- Red (40%)
- Yellow (64%)
- Blue (84%)



- Cyan (52%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66D5C1 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 66D5C1 by changing the saturation by 10% instead.



 66D5C1

 66D5C1

FFFFFF

 48B9A6

 A0FFF9

 249E8C

 BEFFFF

 008372

 DBFFFF

 00695A

 F9FFFF

 005142

 00392C

 002518

 000000

 66D5C1

 66D5C1

 51D5BD

 7BD5C5

 3BD5B9

 91D5C9

 26D5B5

 A6D5CD

 11D5B2

 BBD5D0

 00D5AF

 D1D5D4

 E6D5D8

 FBD5DC

 FFD5E0

 FFD5E4

# Harmonies

## Analogous

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



8FD29F



66D5C1



4CD4E3

# Triad

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



66D5C1



C6BAFE



F6B589

# Complementary

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



66D5C1



D5667A

# 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.



FFABA3



66D5C1



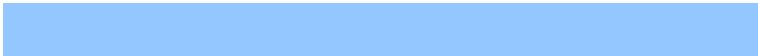
EDAFE5

# Square

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



66D5C1



94C6FF



FFA9C4



DAC07E

# Rectangle

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



66D5C1



54D1F5



FFA9C4



FCB190

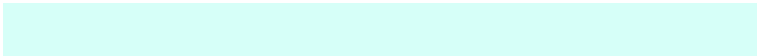


# Sweetspot

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



66D5C1



D6FFF8



7AD566



67807B



000000



808080



# Same Dimension

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



66D5C1



5EFFE2



66B2D5



606B69



00AB8C



002B24



# Inverse Universe

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



D5667A



FF5E7B



D58966



6B6062



AB001F

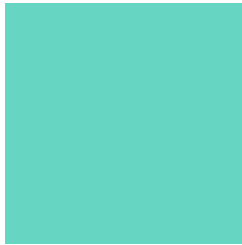


2B0008



# Previews

## White Background



This preview shows how the Hex color 66D5C1 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 66D5C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

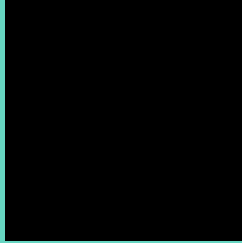
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

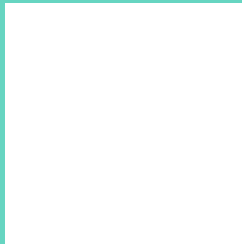
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66D5C1 Background



This preview shows how black text looks on a background with the Hex color 66D5C1.

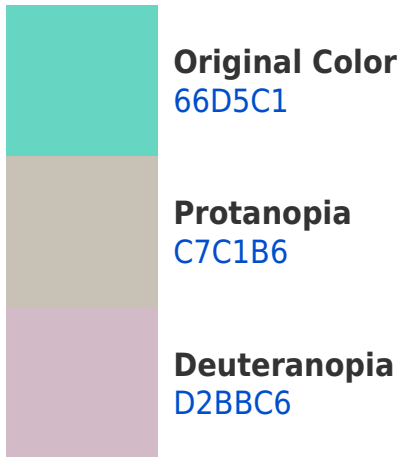


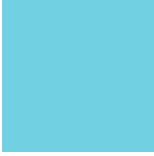
This preview shows how white text looks on a background with the Hex color 66D5C1.

# 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**  
71D0E1

# Trichromacy



**Original Color**  
66D5C1



**Protanomaly**  
A4C8BA



**Deuteranomaly**  
ABC4C4

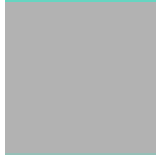


**Tritanomaly**  
6DD2D5

# Monochromacy



**Original Color**  
66D5C1



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
96BFB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66D5C1 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 #66D5C1 looks like.

```
.text, #text, p{  
    color:#66D5C1  
}
```

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 #66D5C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D5C1
}
```

## Border

The CSS property to change the border of an element to Hex 66D5C1 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
#66D5C1 }
```

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

```
.border{ border-color:#66D5C1 }
```

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

Here you see how a box with a 4 pixel #66D5C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D5C1; -webkit-box-shadow:4px 4px  
4px 4px #66D5C1; box-shadow:4px 4px 4px  
4px #66D5C1 }
```

# Background

The CSS property to change the background color of an element to Hex 66D5C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D5C1 }
```

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

```
.background{ background-color:#66D5C1 }
```

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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