

# Converting Colors

Hex(66D7B2)

Have a look what the booklet for  
Hex(66D7B2) contains.

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**Color**

**Hex(66D7B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66D7B2
RGB	102, 215, 178
RGB Percent	40%, 84%, 70%
CMY	0.6000, 0.1569, 0.3020
CMYK	0.53, 0.00, 0.17, 0.16
HSL	160°, 59%, 62%
HSV	160°, 53%, 84%
XYZ	37.8158, 54.6400, 50.6730
YIQ	176.9950, -55.4710, -35.4630

# Conversions

## Conversions Part 2

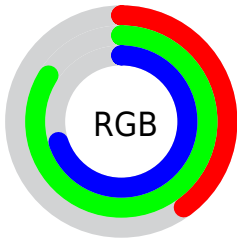
Format	Color
<a href="#">RYB</a>	<a href="#">102, 170, 215</a>
Decimal	<a href="#">6739890</a>
CIELab	<a href="#">78.83, -41.02, 8.52</a>
CIELCh	<a href="#">79, 41.893, 168.271</a>
Yxy	<a href="#">54.6400, 0.2642, 0.3818</a>
Android (android.graphics.Color)	<a href="#">4284929970</a> ( <a href="#">0xFF66D7B2</a> )
YUV	<a href="#">176.9950, 0.4955, -65.7706</a>
Hunter-Lab	<a href="#">73.9189, -38.0401, 11.0987</a>

# Details

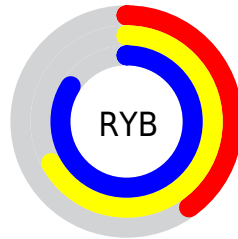
The Hex color **66D7B2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D7668B**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A0FFEA**, and **259F7D** is the 20% darker color. If you saturate the color by 10%, you get **51D7AB**, and if you desaturate by 10%, it is **7CD7B9**.

# Distribution



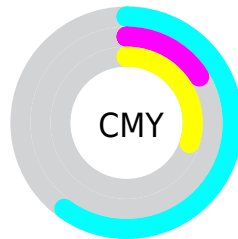
- Red (40%)
- Green (84%)
- Blue (70%)



- Red (40%)
- Yellow (67%)
- Blue (84%)



- Cyan (53%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66D7B2 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 66D7B2 by changing the saturation by 10% instead.





66D7B2



66D7B2

FFFFFF



48BB97



A0FFEA



259F7D



BDFFFF



008564



DBFFFF



006B4C



F9FFFF



005236



003A20



00250A



000000



66D7B2



66D7B2

 51D7AB

 7CD7B9

 3BD7A4

 91D7C0

 25D79D

 A7D7C7

 10D796

 BCD7CE

 00D791

 D2D7D5

 E7D7DC

 FCD7E3

 FFD7EA

 FFD7F1

# Harmonies

## Analogous

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



99D28E



66D7B2



2BD8DA

# Triad

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



66D7B2



B1BFFF



FFAE8B

# Complementary

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



66D7B2



D7668B

# 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.



FFA6AD



66D7B2



E5B0F7

# Square

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



66D7B2



6FCCFF



FFA6D4



EABC77

# Rectangle

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



66D7B2



14D6F2



FFA6D4



FFAB95

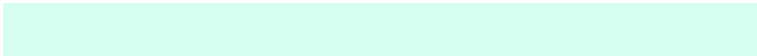


# Sweetspot

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



66D7B2



D6FFF2



8CD766



678078



000000



808080



# Same Dimension

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



66D7B2



5EFFCA



66C4D7



606B68



00AB73



002B1D



# Inverse Universe

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



D7668B



FF5E93



D77966



6B6064



AB0038

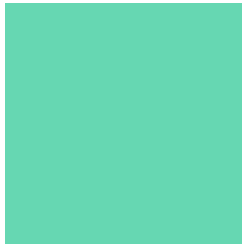


2B000E



# Previews

## White Background



This preview shows how the Hex color 66D7B2 looks on a white background.

## Color Contrast Check

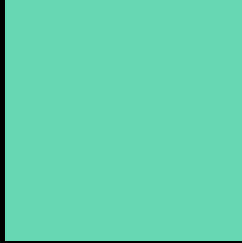
Large Text (above 18pt) WCAG AA × Fail

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 66D7B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

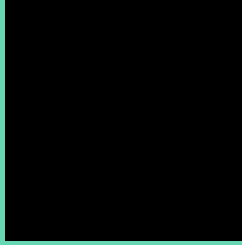
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

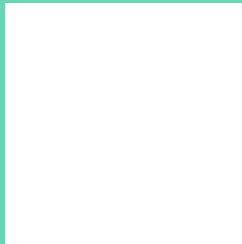
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66D7B2 Background



This preview shows how black text looks on a background with the Hex color 66D7B2.

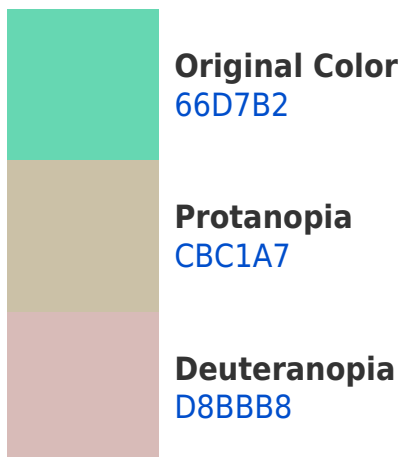


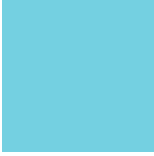
This preview shows how white text looks on a background with the Hex color 66D7B2.

# 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](#).

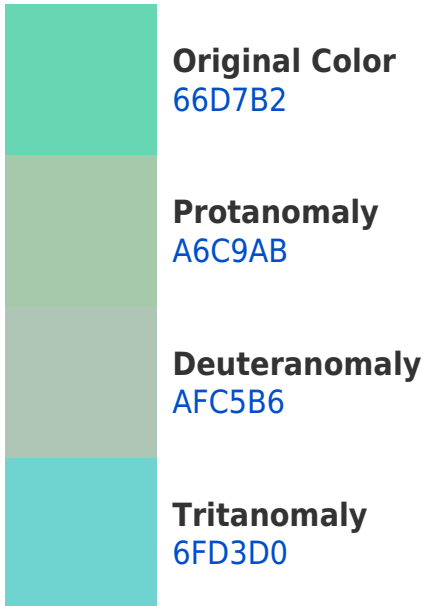
## Dichromacy





**Tritanopia**  
74D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66D7B2 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 #66D7B2 looks like.

```
.text, #text, p{  
    color:#66D7B2  
}
```

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 #66D7B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D7B2
}
```

## Border

The CSS property to change the border of an element to Hex 66D7B2 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
#66D7B2 }
```

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

```
.border{ border-color:#66D7B2 }
```

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

Here you see how a box with a 4 pixel #66D7B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D7B2; -webkit-box-shadow:4px 4px  
4px 4px #66D7B2; box-shadow:4px 4px 4px  
4px #66D7B2 }
```

# Background

The CSS property to change the background color of an element to Hex 66D7B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D7B2 }
```

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

```
.background{ background-color:#66D7B2 }
```

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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