

# Converting Colors

Hex(60D4CD)

Have a look what the booklet for  
Hex(60D4CD) contains.

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**Color**

**Hex(60D4CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60D4CD
RGB	96, 212, 205
RGB Percent	38%, 83%, 80%
CMY	0.6235, 0.1686, 0.1961
CMYK	0.55, 0.00, 0.03, 0.17
HSL	176°, 57%, 60%
HSV	176°, 55%, 83%
XYZ	39.3868, 53.9815, 66.1012
YIQ	176.5180, -66.8890, -26.7690

# Conversions

## Conversions Part 2

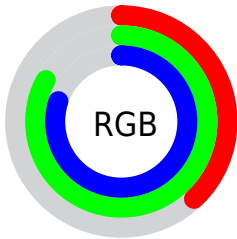
Format	Color
<a href="#">RYB</a>	<a href="#">96, 156, 212</a>
Decimal	<a href="#">6345933</a>
CIELab	<a href="#">78.45, -34.35, -6.50</a>
CIELCh	<a href="#">78, 34.956, 190.719</a>
Yxy	<a href="#">53.9815, 0.2470, 0.3385</a>
Android (android.graphics.Color)	<a href="#">4284536013 (0xFF60D4CD)</a>
YUV	<a href="#">176.5180, 14.0416, -70.6143</a>
Hunter-Lab	<a href="#">73.4721, -32.8863, -1.9114</a>

# Details

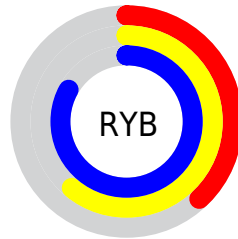
The Hex color **60D4CD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D46067**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9CFFFF**, and **149D97** is the 20% darker color. If you saturate the color by 10%, you get **4BD4CC**, and if you desaturate by 10%, it is **75D4CE**.

# Distribution



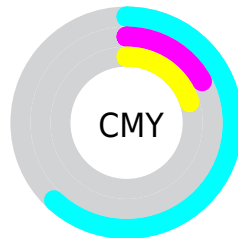
- Red (38%)
- Green (83%)
- Blue (80%)



- Red (38%)
- Yellow (61%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (62%)
- Magenta (17%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60D4CD 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 60D4CD by changing the saturation by 10% instead.



 60D4CD

 60D4CD

FFFFFF

 40B8B2

 9CFFFF

 149D97

 B9FFFF

 00827D

 D7FFFF

 006964

 F5FFFF

 00504C

 003836

 002420

 000009

 000000

60D4CD

60D4CD

4BD4CC

75D4CE

36D4CA

8AD4D0

20D4C9

A0D4D1

0BD4C8

B5D4D2

00D4C7

CAD4D3

DFD4D5

F4D4D6

FFD4D7

FFD4D9

# Harmonies

## Analogous

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



83D2AC



60D4CD



57D2EB

# Triad

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



60D4CD



D5B6F3



EBB985

# Complementary

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



60D4CD



D46067

# 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.



FEAF99



60D4CD



F5ACD8

# Square

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



60D4CD



A8C1FF



FFAAB7



CDC482

# Rectangle

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



60D4CD



69CEFA



FFAAB7



F3B58A



# Sweetspot

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



60D4CD



D6FFFD



68D460



67807E



000000



808080



# Same Dimension

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



60D4CD



57FFF5



60A2D4



606B6A



00ABA1



002B29



# Inverse Universe

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



D46067



FF5761



D49260



6B6061



AB000A

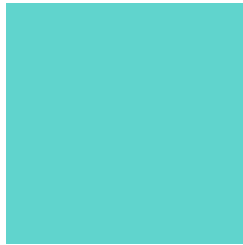


2B0003



# Previews

## White Background



This preview shows how the Hex color 60D4CD looks on a white background.

## Color Contrast Check

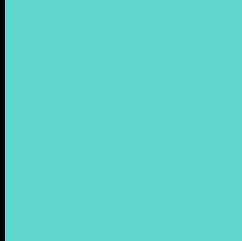
Large Text (above 18pt) WCAG AA × Fail

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 60D4CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

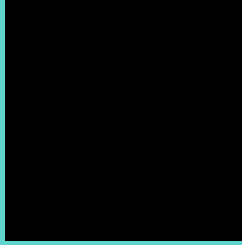
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

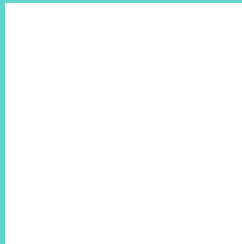
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60D4CD Background



This preview shows how black text looks on a background with the Hex color 60D4CD.

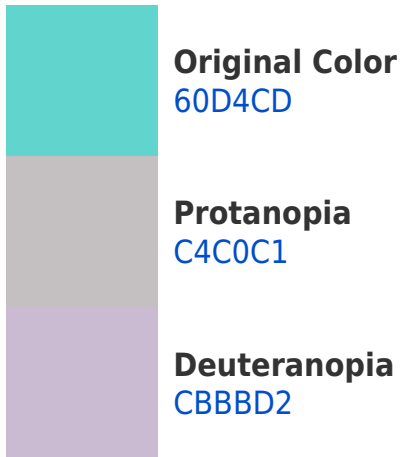


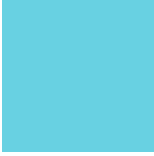
This preview shows how white text looks on a background with the Hex color 60D4CD.

# 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**  
68D1E2

# Trichromacy



**Original Color**  
60D4CD



**Protanomaly**  
A0C7C5



**Deuteranomaly**  
A4C4D0

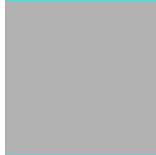


**Tritanomaly**  
65D2DA

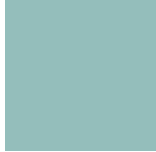
# Monochromacy



**Original Color**  
60D4CD



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
94BEBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60D4CD 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 #60D4CD looks like.

```
.text, #text, p{  
    color:#60D4CD  
}
```

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 #60D4CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D4CD
}
```

## Border

The CSS property to change the border of an element to Hex 60D4CD 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
#60D4CD }
```

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

```
.border{ border-color:#60D4CD }
```

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

Here you see how a box with a 4 pixel #60D4CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D4CD; -webkit-box-shadow:4px 4px  
4px 4px #60D4CD; box-shadow:4px 4px 4px  
4px #60D4CD }
```

# Background

The CSS property to change the background color of an element to Hex 60D4CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D4CD }
```

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

```
.background{ background-color:#60D4CD }
```

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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