

# Converting Colors

Hex(6BD0D9)

Have a look what the booklet for  
Hex(6BD0D9) contains.

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# **Color**

**Hex(6BD0D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BD0D9
RGB	107, 208, 217
RGB Percent	42%, 82%, 85%
CMY	0.5804, 0.1843, 0.1490
CMYK	0.51, 0.04, 0.00, 0.15
HSL	185°, 59%, 64%
HSV	185°, 51%, 85%
XYZ	41.1437, 53.2473, 73.7549
YIQ	178.8270, -63.0850, -18.6130

# Conversions

## Conversions Part 2

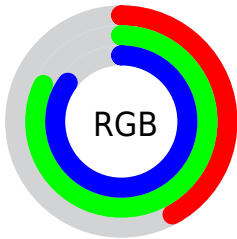
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 160, 217</a>
Decimal	<a href="#">7065817</a>
CIELab	<a href="#">78.02, -27.03, -13.54</a>
CIElCh	<a href="#">78, 30.233, 206.611</a>
Yxy	<a href="#">53.2473, 0.2447, 0.3167</a>
Android (android.graphics.Color)	<a href="#">4285255897</a> ( <a href="#">0xFF6BD0D9</a> )
YUV	<a href="#">178.8270, 18.8193, -62.9923</a>
Hunter-Lab	<a href="#">72.9708, -27.0538, -8.8476</a>

# Details

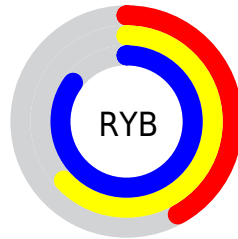
The Hex color **6BD0D9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D9746B**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A6FFFF**, and **2A99A2** is the 20% darker color. If you saturate the color by 10%, you get **55CED9**, and if you desaturate by 10%, it is **81D2D9**.

# Distribution



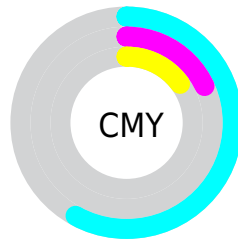
- Red (42%)
- Green (82%)
- Blue (85%)



- Red (42%)
- Yellow (63%)
- Blue (85%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (18%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BD0D9 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 6BD0D9 by changing the saturation by 10% instead.



 6BD0D9

 6BD0D9

FFFFFF

 4DB4BD

 A6FFFF

 2A99A2

 C3FFFF

 007F88

 E1FFFF

 00666F

 004D56

 00363F

 002229

 000115

 000000

6BD0D9

6BD0D9

55CED9

81D2D9

40CCD9

96D4D9

2ACBD9

ACD5D9

14C9D9

C2D7D9

00C7D9

D8D9D9

EDDBD9

FFDCD9

FFDED9

FFE0D9

# Harmonies

## Analogous

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



7CD0BD



6BD0D9



76CCEF

# Triad

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



6BD0D9



E2B2E0



D8BE89

# Complementary

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



6BD0D9



D9746B

# 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.



EEB593



6BD0D9



F5ADC5

# Square

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



6BD0D9



C1BBF3



F9AEA9



BBC78E

# Rectangle

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



6BD0D9



8CC7F7



F9AEA9



E1BB8B

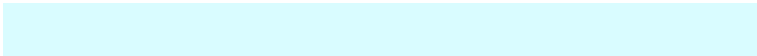


# Sweetspot

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



6BD0D9



D9FCFF



6BD972



697E80



000000



808080



# Same Dimension

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



6BD0D9



63F2FF



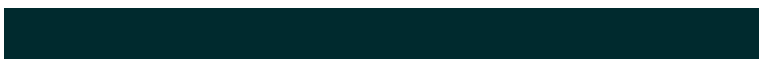
6B9BD9



636D6E



009FAD



002A2E



# Inverse Universe

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



D96BD0



FF63F2



D9A96B



6E636D



AD009F

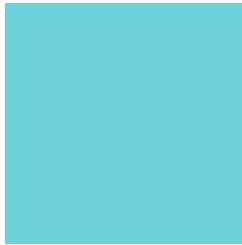


2E002A



# Previews

## White Background



This preview shows how the Hex color 6BD0D9 looks on a white background.

## Color Contrast Check

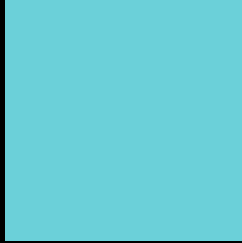
Large Text (above 18pt) WCAG AA × Fail

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 6BD0D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

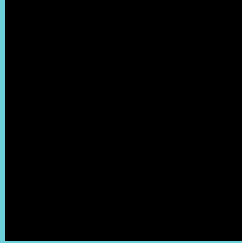
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BD0D9 Background



This preview shows how black text looks on a background with the Hex color 6BD0D9.

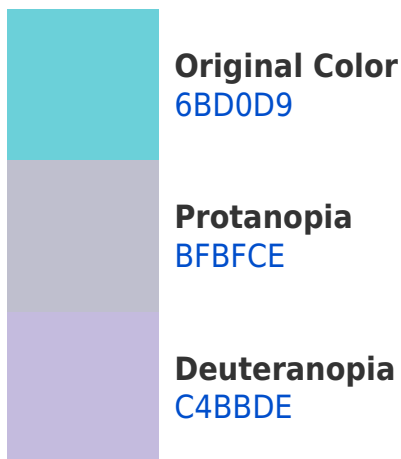


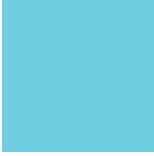
This preview shows how white text looks on a background with the Hex color 6BD0D9.

# 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](#).

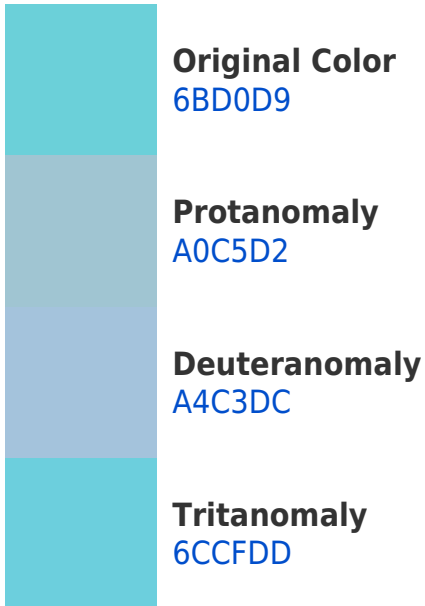
## Dichromacy





**Tritanopia**  
6DCFEO

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BD0D9 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 #6BD0D9 looks like.

```
.text, #text, p{  
    color:#6BD0D9  
}
```

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 #6BD0D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD0D9
}
```

## Border

The CSS property to change the border of an element to Hex 6BD0D9 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
#6BD0D9 }
```

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

```
.border{ border-color:#6BD0D9 }
```

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

Here you see how a box with a 4 pixel #6BD0D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD0D9; -webkit-box-shadow:4px 4px  
4px 4px #6BD0D9; box-shadow:4px 4px 4px  
4px #6BD0D9 }
```

# Background

The CSS property to change the background color of an element to Hex 6BD0D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD0D9 }
```

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

```
.background{ background-color:#6BD0D9 }
```

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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