

# Converting Colors

Hex(60D3D7)

Have a look what the booklet for  
Hex(60D3D7) contains.

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**Color**

**Hex(60D3D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60D3D7
RGB	96, 211, 215
RGB Percent	38%, 83%, 84%
CMY	0.6235, 0.1725, 0.1569
CMYK	0.55, 0.02, 0.00, 0.16
HSL	182°, 60%, 61%
HSV	182°, 55%, 84%
XYZ	40.3839, 53.9816, 72.5810
YIQ	177.0710, -69.8240, -23.1360

# Conversions

## Conversions Part 2

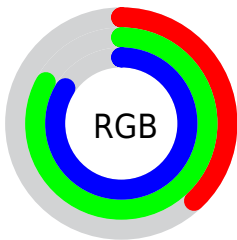
Format	Color
<b>RYB</b>	96, 154, 215
Decimal	6345687
CIELab	78.45, -31.23, -11.86
CIELCh	78, 33.405, 200.802
Yxy	53.9816, 0.2419, 0.3233
Android (android.graphics.Color)	4284535767 (0xFF60D3D7)
YUV	177.0710, 18.6990, -71.0993
Hunter-Lab	73.4722, -30.4641, -7.1403

# Details

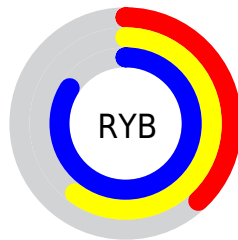
The Hex color **60D3D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D76460**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9CFFFF**, and **119CA0** is the 20% darker color. If you saturate the color by 10%, you get **4AD2D7**, and if you desaturate by 10%, it is **76D4D7**.

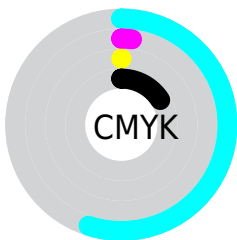
# Distribution



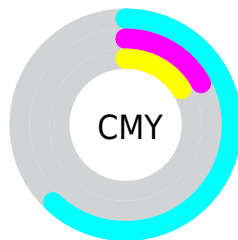
- Red (38%)
- Green (83%)
- Blue (84%)



- Red (38%)
- Yellow (60%)
- Blue (84%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (17%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60D3D7 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 60D3D7 by changing the saturation by 10% instead.




 60D3D7

 60D3D7

FFFFFF

 3FB7BB

 9CFFFF

 119CA0

 BAFFFF

 008286

 D8FFFF

 00686D

 F6FFFF

 004F55

 00383D

 002428

 000114

 000000

■ 60D3D7

■ 60D3D7

■ 4AD2D7

■ 76D4D7

■ 35D2D7

■ 8BD4D7

■ 1FD1D7

■ A1D5D7

■ 0AD0D7

■ B6D6D7

■ 00D0D7

■ CCD7D7

■ E1D7D7

■ F7D8D7

■ FFD9D7

■ FFDAD7

# Harmonies

## Analogous

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



7AD3B7



60D3D7



65CFF1

# Triad

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



60D3D7



E0B3EA



E1BD85

# Complementary

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



60D3D7



D76460

# 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.



F7B393



60D3D7



F9ACCD

# Square

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



60D3D7



B9BEFC



FFACAE



C2C787

# Rectangle

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



60D3D7



7DCBFC



FFACAE



E9B988



# Sweetspot

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



60D3D7



D4FEFF



60D764



667F80



000000



808080



# Same Dimension

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



60D3D7



57F9FF



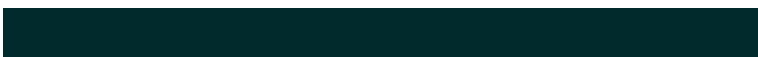
6098D7



606B6B



00A5AB



002A2B



# Inverse Universe

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



D760D3



FF57F9



D79F60



6B606B



AB00A5

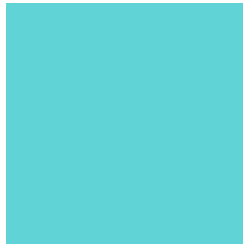


2B002A



# Previews

## White Background



This preview shows how the Hex color 60D3D7 looks on a white background.

## Color Contrast Check

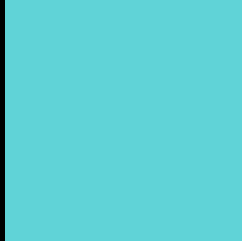
Large Text (above 18pt) WCAG AA × Fail

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 60D3D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

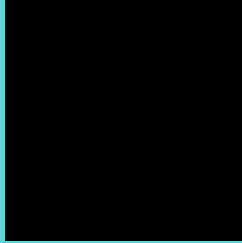
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60D3D7 Background



This preview shows how black text looks on a background with the Hex color 60D3D7.

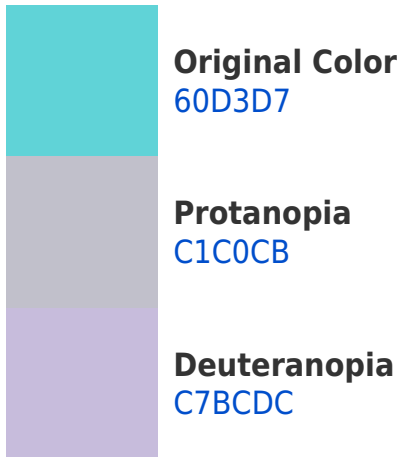


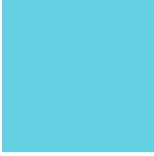
This preview shows how white text looks on a background with the Hex color 60D3D7.

# 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**  
64D1E2

# Trichromacy



**Original Color**  
60D3D7



**Protanomaly**  
9EC7CF



**Deuteranomaly**  
A2C4DA

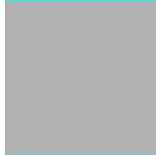


**Tritanomaly**  
63D2DE

# Monochromacy



**Original Color**  
60D3D7



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
94BDBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60D3D7 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 #60D3D7 looks like.

```
.text, #text, p{  
    color:#60D3D7  
}
```

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 #60D3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D3D7
}
```

## Border

The CSS property to change the border of an element to Hex 60D3D7 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
#60D3D7 }
```

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

```
.border{ border-color:#60D3D7 }
```

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

Here you see how a box with a 4 pixel #60D3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D3D7; -webkit-box-shadow:4px 4px  
4px 4px #60D3D7; box-shadow:4px 4px 4px  
4px #60D3D7 }
```

# Background

The CSS property to change the background color of an element to Hex 60D3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D3D7 }
```

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

```
.background{ background-color:#60D3D7 }
```

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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