

# Converting Colors

Hex(60BEC4)

Have a look what the booklet for  
Hex(60BEC4) contains.

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# Color

**Hex(60BEC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60BEC4
RGB	96, 190, 196
RGB Percent	38%, 75%, 77%
CMY	0.6235, 0.2549, 0.2314
CMYK	0.51, 0.03, 0.00, 0.23
HSL	184°, 46%, 57%
HSV	184°, 51%, 77%
XYZ	33.2011, 43.2992, 58.8323
YIQ	162.5780, -57.9500, -18.0620

# Conversions

## Conversions Part 2

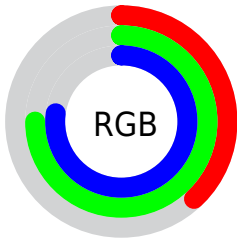
Format	Color
<a href="#">RYB</a>	<a href="#">96, 144, 196</a>
Decimal	<a href="#">6340292</a>
CIELab	<a href="#">71.76, -26.13, -11.59</a>
CIELCh	<a href="#">72, 28.587, 203.922</a>
Yxy	<a href="#">43.2992, 0.2453, 0.3199</a>
Android (android.graphics.Color)	<a href="#">4284530372</a> ( <a href="#">0xFF60BEC4</a> )
YUV	<a href="#">162.5780, 16.4770, -58.3889</a>
Hunter-Lab	<a href="#">65.8022, -25.0898, -6.9484</a>

# Details

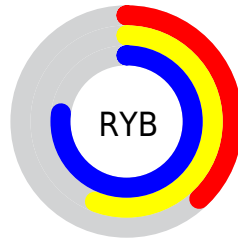
The Hex color **60BEC4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C46660**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9AF7FD**, and **1E888E** is the 20% darker color. If you saturate the color by 10%, you get **4CBDC4**, and if you desaturate by 10%, it is **74BFC4**.

# Distribution



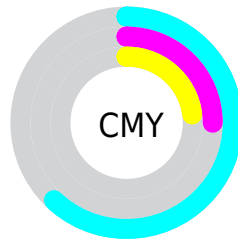
- Red (38%)
- Green (75%)
- Blue (77%)



- Red (38%)
- Yellow (56%)
- Blue (77%)



- Cyan (51%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (25%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60BEC4 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 60BEC4 by changing the saturation by 10% instead.



 60BEC4

 60BEC4


FFFFFF

 42A3A9

 9AF7FD

 1E888E

 B7FFFF

 006F75

 D4FFFF

 00565C

 F1FFFF

 003E45

 00282E

 000D1A

 000000

 60BEC4

 60BEC4

 4CBDC4

 74BFC4

 39BCC4

 87C0C4

 25BAC4

 9BC2C4

 12B9C4

 AEC3C4

 00B8C4

 C2C4C4

 D6C5C4

 E9C6C4

 FDC7C4

 FFC9C4

# Harmonies

## Analogous

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



72BEA9



60BEC4



68BBD9

# Triad

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



60BEC4



CCA2CF



C8AC7C

# Complementary

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



60BEC4



C46660

# 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.



DBA487



60BEC4



E09DB6

# Square

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



60BEC4



ADABDF



E49E9C



ADB580

# Rectangle

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



60BEC4



7BB6E1



E49E9C



CFA97E

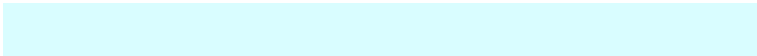


# Sweetspot

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



60BEC4



D9FDFD



60C465



697E80



000000



808080



# Same Dimension

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



60BEC4



63F6FF



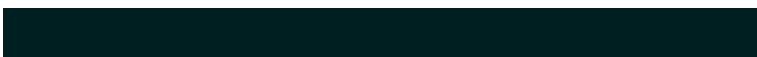
608DC4



576061



0097A1



001F21



# Inverse Universe

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



C460BE



FF63F6



C49760



615760



A10097

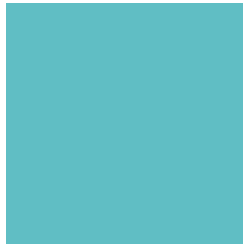


21001F



# Previews

## White Background



This preview shows how the Hex color 60BEC4 looks on a white background.

## Color Contrast Check

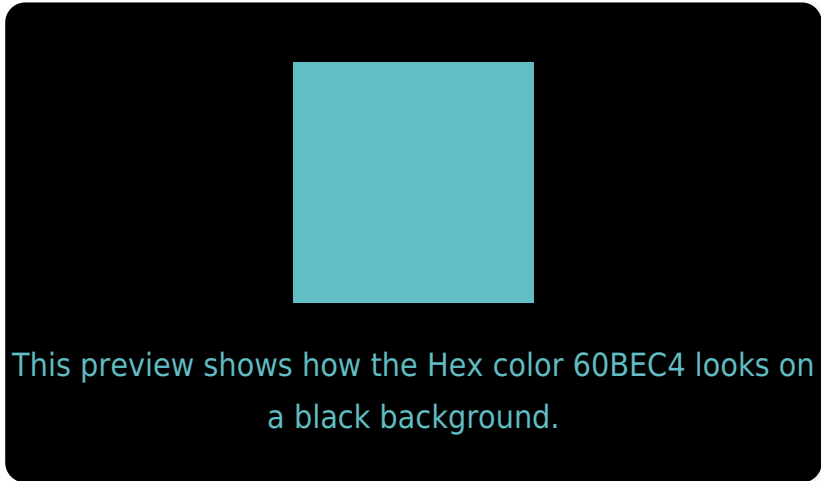
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

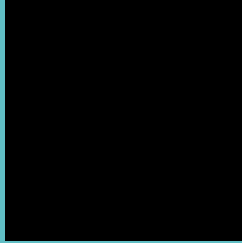
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60BEC4 Background



This preview shows how black text looks on a background with the Hex color 60BEC4.



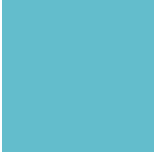
This preview shows how white text looks on a background with the Hex color 60BEC4.

# Color Blindness Simulation

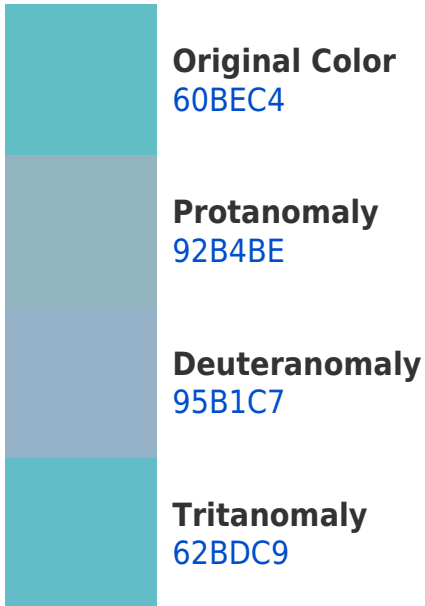
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

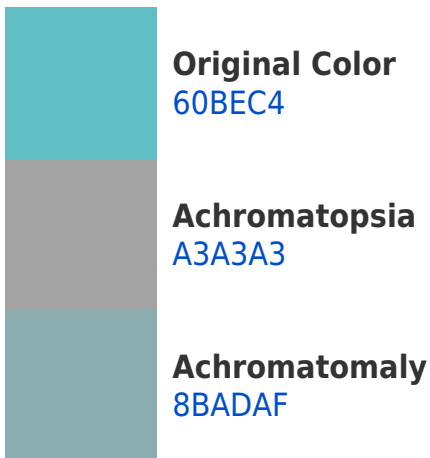




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60BEC4 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 #60BEC4 looks like.

```
.text, #text, p{  
    color:#60BEC4  
}
```

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 #60BEC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60BEC4
}
```

## Border

The CSS property to change the border of an element to Hex 60BEC4 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
#60BEC4 }
```

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

```
.border{ border-color:#60BEC4 }
```

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

Here you see how a box with a 4 pixel #60BEC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60BEC4; -webkit-box-shadow:4px 4px  
4px 4px #60BEC4; box-shadow:4px 4px 4px  
4px #60BEC4 }
```

# Background

The CSS property to change the background color of an element to Hex 60BEC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60BEC4 }
```

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

```
.background{ background-color:#60BEC4 }
```

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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