

Converting Colors

Hex(66BDBC)

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

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Color

Hex(66BDBC)

Conversions

Conversions Part 1

Format	Color
Hex	66BDBC
RGB	102, 189, 188
RGB Percent	40%, 74%, 74%
CMY	0.6000, 0.2588, 0.2627
CMYK	0.46, 0.00, 0.01, 0.26
HSL	179°, 40%, 57%
HSV	179°, 46%, 74%
XYZ	32.7542, 42.8508, 54.1217
YIQ	162.8730, -51.5310, -18.7550

Conversions

Conversions Part 2

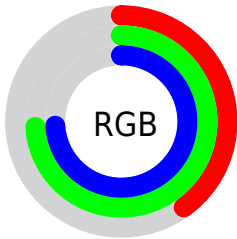
Format	Color
RYB	102, 146, 189
Decimal	6733244
CIELab	71.45, -26.41, -7.65
CIELCh	71, 27.493, 196.148
Yxy	42.8508, 0.2525, 0.3303
Android (android.graphics.Color)	4284923324 (0xFF66BDBC)
YUV	162.8730, 12.3876, -53.3856
Hunter-Lab	65.4605, -25.2407, -3.1976

Details

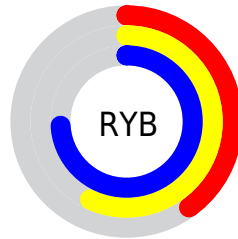
The Hex color **66BDBC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD6667**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9EF6F4**, and **2B8787** is the 20% darker color. If you saturate the color by 10%, you get **53BDBC**, and if you desaturate by 10%, it is **79BDBC**.

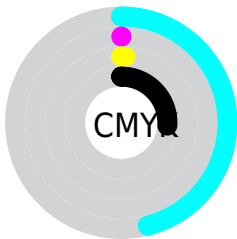
Distribution



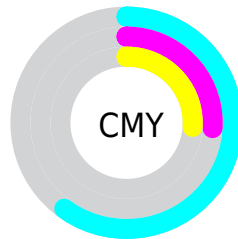
- Red (40%)
- Green (74%)
- Blue (74%)



- Red (40%)
- Yellow (57%)
- Blue (74%)



- Cyan (46%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (60%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 66BDBC

 66BDBC

FFFFFF

 49A2A1

 9EF6F4

 2B8787

 BBFFFF

 006E6E

 D8FFFF

 005555

 F6FFFF

 003D3E

 002728

 000B14

 000000

 66BDBC

 66BDBC

■ 53BDBC

■ 79BDBC

■ 40BDBC

■ 8CBDBC

■ 2DBDBB

■ 9FBDBD

■ 1ABDBB

■ B2BDBD

■ 08BDBB

■ C5BDBD

■ 00BDBB

■ D7BDBD

■ EABDBE

■ FDBDBE

■ FFBDBE

Harmonies

Analogous

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



7BBCA2



66BDBC



66BBD2

Triad

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



66BDBC



C3A4D2



CCA97F

Complementary

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



66BDBC



BD6667

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.



DCA28C



66BDBC



D99EBC

Square

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



66BDBC



A3ADDF



E29DA2



B3B27F

Rectangle

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



66BDBC



75B7DC



E29DA2



D2A782

Sweetspot

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



66BDBC



D3F5F4



67BD66



667A7A



FAFAFA



7A7A7A

Same Dimension

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



66BDBC



6EF5F3



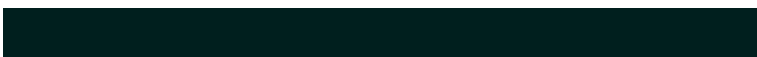
6693BD



555E5E



009E9C



001F1E

Inverse Universe

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



BD6667



F56E70



BD9066



5E5555



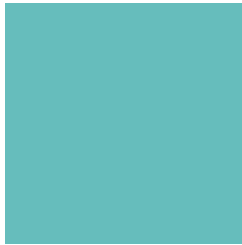
9E0002



1F0000

Previews

White Background



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

Color Contrast Check

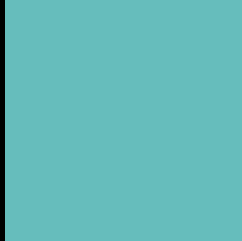
Large Text (above 18pt) WCAG AA × Fail

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 66BDBC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

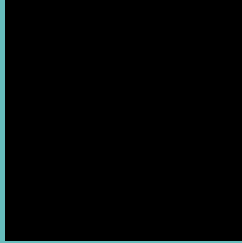
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

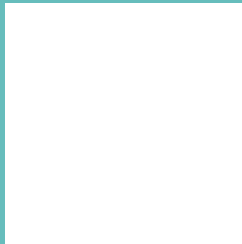
Any Text WCAG AAA ✓ Pass

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

Hex 66BDBC Background



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



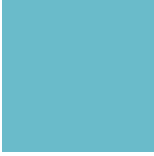
This preview shows how white text looks on a background with the Hex color 66BDBC.

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](#).

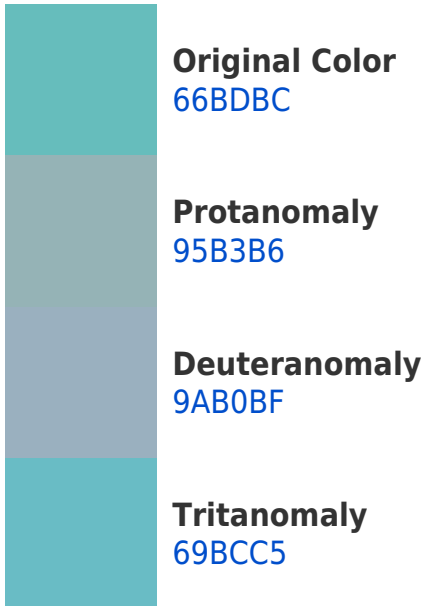
Dichromacy



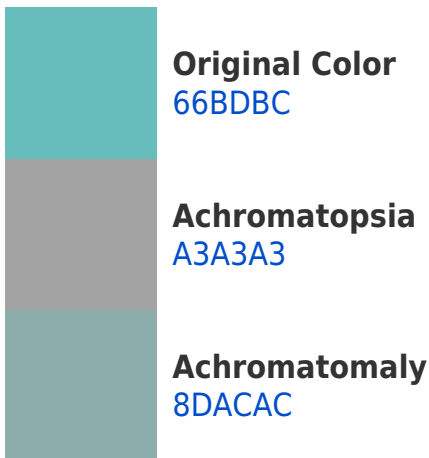


Tritanopia
6ABBCA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #66BDBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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