

Converting Colors

Hex(65BFBC)

Have a look what the booklet for
Hex(65BFBC) contains.

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Color

Hex(65BFBC)

Conversions

Conversions Part 1

Format	Color
Hex	65BFBC
RGB	101, 191, 188
RGB Percent	40%, 75%, 74%
CMY	0.6039, 0.2510, 0.2627
CMYK	0.47, 0.00, 0.02, 0.25
HSL	178°, 41%, 57%
HSV	178°, 47%, 75%
XYZ	33.0747, 43.6591, 54.2608
YIQ	163.7480, -52.6770, -20.0130

Conversions

Conversions Part 2

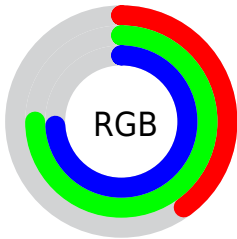
Format	Color
RYB	101, 147, 191
Decimal	6668220
CIELab	72.00, -27.62, -6.84
CIELCh	72, 28.458, 193.907
Yxy	43.6591, 0.2525, 0.3333
Android (android.graphics.Color)	4284858300 (0xFF65BFBC)
YUV	163.7480, 11.9562, -55.0300
Hunter-Lab	66.0751, -26.2809, -2.4364

Details

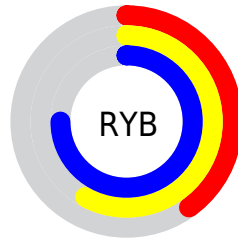
The Hex color **65BFBC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BF6568**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9EF8F4**, and **298987** is the 20% darker color. If you saturate the color by 10%, you get **52BFBB**, and if you desaturate by 10%, it is **78BFBD**.

Distribution



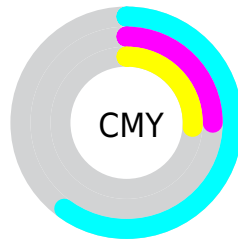
- Red (40%)
- Green (75%)
- Blue (74%)



- Red (40%)
- Yellow (58%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (60%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65BFBC 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 65BFBC by changing the saturation by 10% instead.

 65BFBC

 65BFBC

FFFFFF

 48A4A1

 9EF8F4

 298987

 BAF8FF

 006F6E

 D7FFFF

 005755

 F5FFFF

 003F3E

 002828

 000E14

 000000

 65BFBC

 65BFBC

52BFBB

78BFBD

3FBFBB

8BBFBD

2CBFBA

9EBFBE

19BFB9

B1BFBF

05BFB9

C4BFBF

00BFB9

D8BFC0

EBBFC0

FEBFC1

FFBFC2

Harmonies

Analogous

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



7CBEA1



65BFBC



63BDD4

Triad

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



65BFBC



C3A6D6



D0AA7F

Complementary

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



65BFBC



BF6568

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.



E0A28E



65BFBC



DB9FC0

Square

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



65BFBC



A1AFE3



E59EA5



B7B37E

Rectangle

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



65BFBC



72B9DE



E59EA5



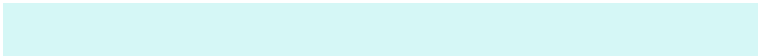
D6A783

Sweetspot

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



65BFBC



D5F7F6



68BF65



687D7C



FCFCFC



7D7D7D

Same Dimension

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



65BFBC



6AF7F3



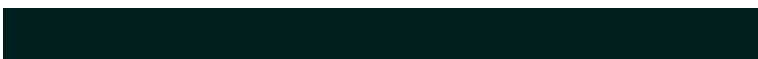
6595BF



555E5E



009E99



001F1E

Inverse Universe

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



BF6568



F76A6F



BF8F65



5E5555



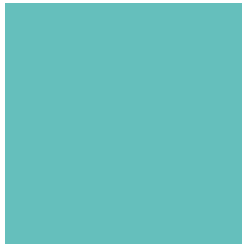
9E0005



1F0001

Previews

White Background



This preview shows how the Hex color 65BFBC looks on a white background.

Color Contrast Check

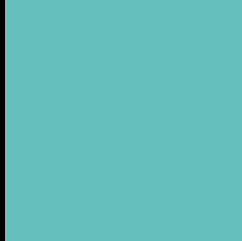
Large Text (above 18pt) WCAG AA × Fail

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 65BFBC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

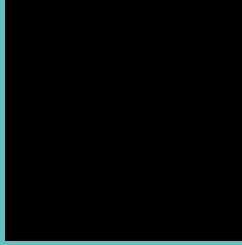
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

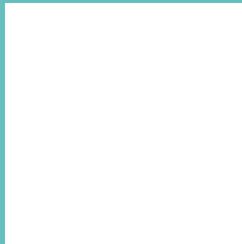
Any Text WCAG AAA ✓ Pass

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

Hex 65BFBC Background



This preview shows how black text looks on a background with the Hex color 65BFBC.

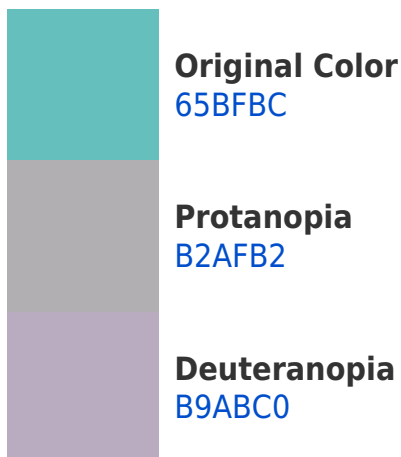


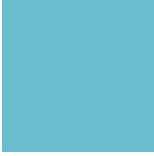
This preview shows how white text looks on a background with the Hex color 65BFBC.

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

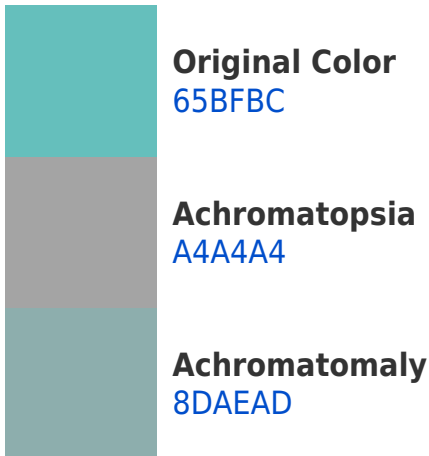




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65BFBC 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 #65BFBC looks like.

```
.text, #text, p{  
    color:#65BFBC  
}
```

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 #65BFBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BFBC
}
```

Border

The CSS property to change the border of an element to Hex 65BFBC 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
#65BFBC }
```

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

```
.border{ border-color:#65BFBC }
```

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

Here you see how a box with a 4 pixel #65BFBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BFBC; -webkit-box-shadow:4px 4px  
4px 4px #65BFBC; box-shadow:4px 4px 4px  
4px #65BFBC }
```

Background

The CSS property to change the background color of an element to Hex 65BFBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BFBC }
```

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

```
.background{ background-color:#65BFBC }
```

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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