

Converting Colors

Hex(65BCBC)

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

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Color

Hex(65BCBC)

Conversions

Conversions Part 1

Format	Color
Hex	65BCBC
RGB	101, 188, 188
RGB Percent	40%, 74%, 74%
CMY	0.6039, 0.2627, 0.2627
CMYK	0.46, 0.00, 0.00, 0.26
HSL	180°, 39%, 57%
HSV	180°, 46%, 74%
XYZ	32.4271, 42.3640, 54.0449
YIQ	161.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

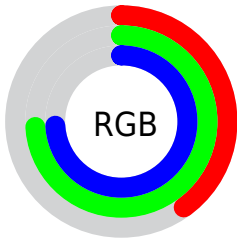
Format	Color
RYB	101, 145, 188
Decimal	6667452
CIELab	71.12, -26.15, -8.14
CIELCh	71, 27.385, 197.303
Yxy	42.3640, 0.2517, 0.3288
Android (android.graphics.Color)	4284857532 (0xFF65BCBC)
YUV	161.9870, 12.8244, -53.4856
Hunter-Lab	65.0876, -24.9733, -3.6696

Details

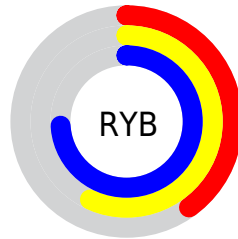
The Hex color **65BCBC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BC6565**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9DF4F4**, and **298687** is the 20% darker color. If you saturate the color by 10%, you get **52BCBC**, and if you desaturate by 10%, it is **78BCBC**.

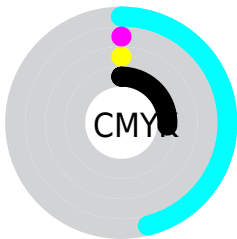
Distribution



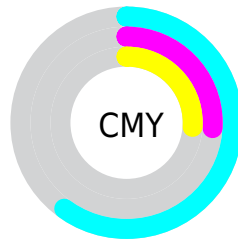
- Red (40%)
- Green (74%)
- Blue (74%)



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



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



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

Brightness & Saturation Gradients

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

 65BCBC

 65BCBC

FFFFFF

 48A1A1

 9DF4F4

 298687

 BAFFFF

 006D6E

 D7FFFF

 005455

 F5FFFF

 003D3E

 002628

 000914

 000000

 65BCBC

 65BCBC

52BCBC

78BCBC

3FBCBC

8BBCBC

2DBCBC

9DBCBC

1ABCBC

B0BCBC

07BCBC

C3BCBC

00BCBC

D6BCBC

E9BCBC

FBBCBC

FFBCBC

Harmonies

Analogous

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



79BBA2



65BCBC



66B9D2

Triad

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



65BCBC



C3A3D0



CAA97E

Complementary

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



65BCBC



BC6565

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.



DBA18B



65BCBC



D99DBA

Square

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



65BCBC



A3ABDD



E19CA0



B1B17E

Rectangle

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



65BCBC



76B6DB



E19CA0



D1A681

Sweetspot

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



65BCBC



D3F5F5



65BC65



667A7A



FAFAFA



7A7A7A

Same Dimension

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



65BCBC



6CF5F5



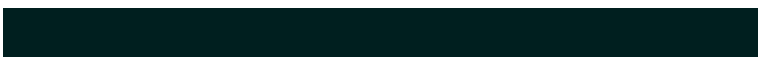
6591BC



555E5E



009E9E



001F1F

Inverse Universe

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



BC65BC



F56CF5



BC9165



5E555E



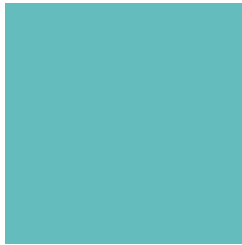
9E009E



1F001F

Previews

White Background



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

Color Contrast Check

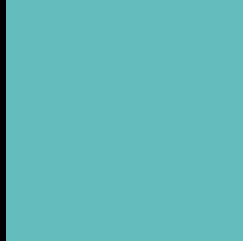
Large Text (above 18pt) WCAG AA × Fail

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 65BCBC 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 65BCBC Background



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

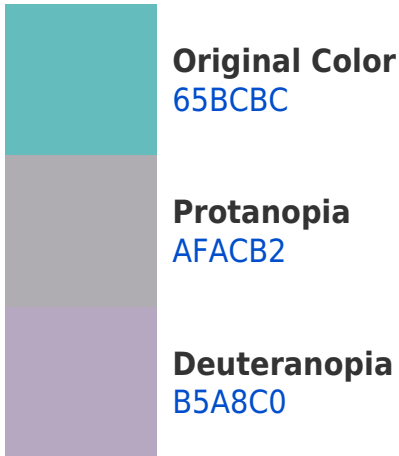


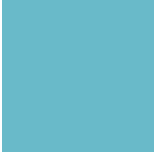
This preview shows how white text looks on a background with the Hex color 65BCBC.

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](#).

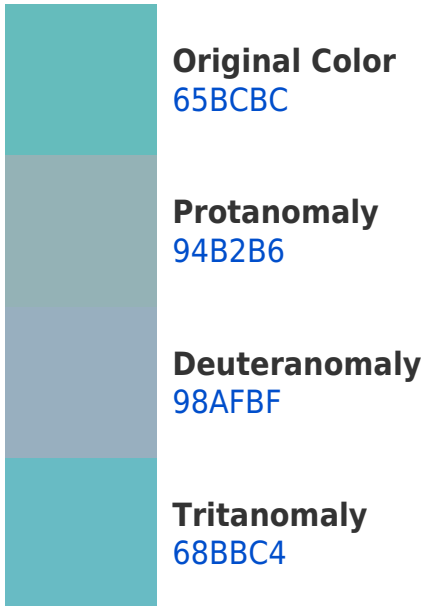
Dichromacy



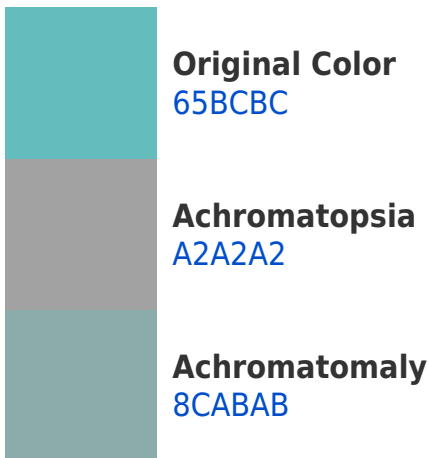


Tritanopia
69BAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #65BCBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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