

Converting Colors

Hex(63BBD7)

Have a look what the booklet for
Hex(63BBD7) contains.

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Color

Hex(63BBD7)

Conversions

Conversions Part 1

Format	Color
Hex	63BBD7
RGB	99, 187, 215
RGB Percent	39%, 73%, 84%
CMY	0.6118, 0.2667, 0.1569
CMYK	0.54, 0.13, 0.00, 0.16
HSL	194°, 59%, 62%
HSV	194°, 54%, 84%
XYZ	35.1817, 43.0996, 70.7548
YIQ	163.8800, -61.4360, -9.9480

Conversions

Conversions Part 2

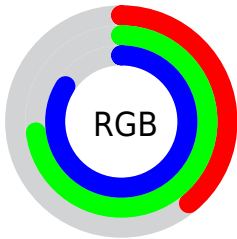
Format	Color
RYB	99, 149, 215
Decimal	6536151
CIELab	71.62, -18.68, -22.16
CIElCh	72, 28.983, 229.866
Yxy	43.0996, 0.2361, 0.2892
Android (android.graphics.Color)	4284726231 (0xFF63BBD7)
YUV	163.8800, 25.2022, -56.8998
Hunter-Lab	65.6503, -19.2307, -17.9448

Details

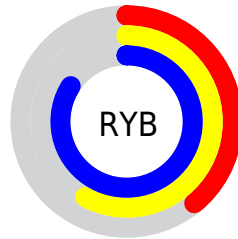
The Hex color **63BBD7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D77F63**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9DF3FF**, and **2086A0** is the 20% darker color. If you saturate the color by 10%, you get **4EB6D7**, and if you desaturate by 10%, it is **79C0D7**.

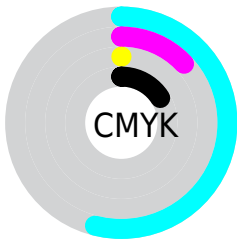
Distribution



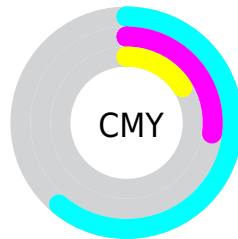
- Red (39%)
- Green (73%)
- Blue (84%)



- Red (39%)
- Yellow (58%)
- Blue (84%)



- Cyan (54%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (61%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63BBD7 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 63BBD7 by changing the saturation by 10% instead.

63BBD7

63BBD7

FFFFFF

44A0BB

9DF3FF

2086A0

BAFFFF

006C86

D8FFFF

00546D

F6FFFF

003D54

00263D

000D27

000111

000000

■ 63BBD7

■ 63BBD7

■ 4EB6D7

■ 79C0D7

■ 38B1D7

■ 8EC5D7

■ 23ABD7

■ A4CBD7

■ 0DA6D7

■ B9D0D7

■ 00A3D7

■ CFD5D7

■ E4DAD7

■ FADFD7

■ FFE5D7

■ FFEAD7

Harmonies

Analogous

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



5FBEC0



63BBD7



81B5E3

Triad

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



63BBD7



DE9DBA



B0B37D

Complementary

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



63BBD7



D77F63

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.



CBAB7C



63BBD7



E59D9F

Square

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



63BBD7



C8A3D2



DDA288



92BA8D

Rectangle

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



63BBD7



9AAFE3



DDA288



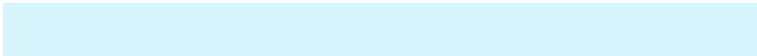
BAB17B

Sweetspot

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



63BBD7



D6F5FF



63D77E



677A80



000000



808080

Same Dimension

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



63BBD7



59D7FF



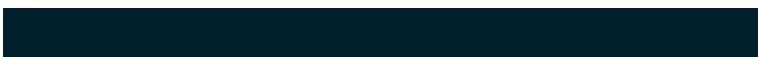
6382D7



60696B



0082AB



00212B

Inverse Universe

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



D763BB



FF59D7



D7B863



6B6069



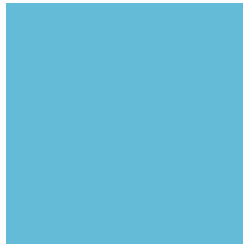
AB0082



2B0021

Previews

White Background



This preview shows how the Hex color 63BBD7 looks on a white background.

Color Contrast Check

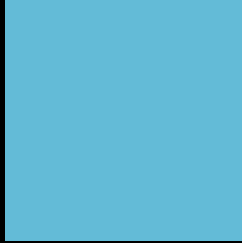
Large Text (above 18pt) WCAG AA × Fail

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 63BBD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

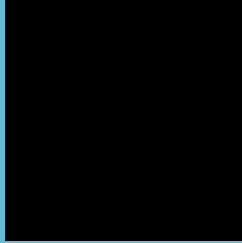
Any Text WCAG AA ✓ Pass

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 63BBD7 Background



This preview shows how black text looks on a background with the Hex color 63BBD7.

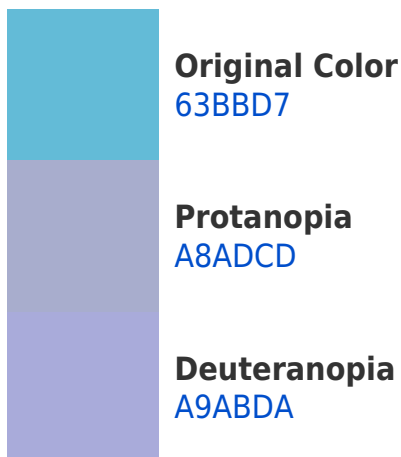


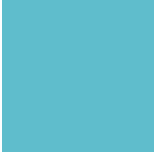
This preview shows how white text looks on a background with the Hex color 63BBD7.

Color Blindness Simulation

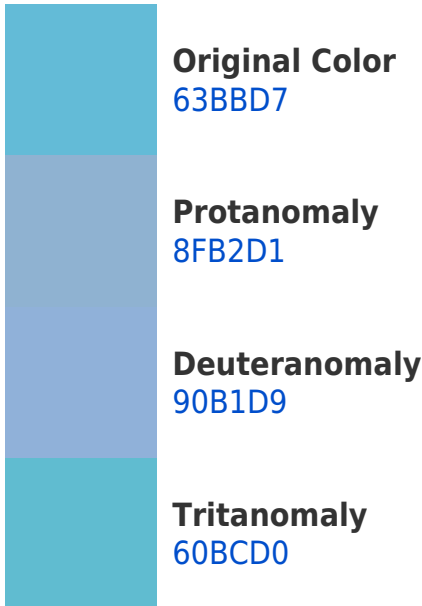
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

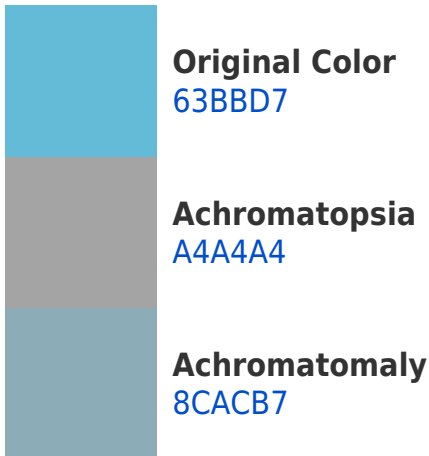




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63BBD7 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 #63BBD7 looks like.

```
.text, #text, p{  
    color:#63BBD7  
}
```

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 #63BBD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BBD7
}
```

Border

The CSS property to change the border of an element to Hex 63BBD7 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
#63BBD7 }
```

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

```
.border{ border-color:#63BBD7 }
```

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

Here you see how a box with a 4 pixel #63BBD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BBD7; -webkit-box-shadow:4px 4px  
4px 4px #63BBD7; box-shadow:4px 4px 4px  
4px #63BBD7 }
```

Background

The CSS property to change the background color of an element to Hex 63BBD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BBD7 }
```

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

```
.background{ background-color:#63BBD7 }
```

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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