

Converting Colors

Hex(63CBD7)

Have a look what the booklet for
Hex(63CBD7) contains.

Hex(63CBD7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63CBD7)

Conversions

Conversions Part 1

Format	Color
Hex	63CBD7
RGB	99, 203, 215
RGB Percent	39%, 80%, 84%
CMY	0.6118, 0.2039, 0.1569
CMYK	0.54, 0.06, 0.00, 0.16
HSL	186°, 59%, 62%
HSV	186°, 54%, 84%
XYZ	38.7673, 50.2708, 71.9500
YIQ	173.2720, -65.8360, -18.3160

Conversions

Conversions Part 2

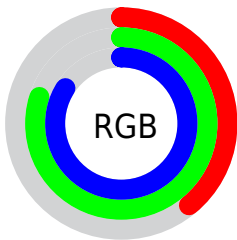
Format	Color
R _Y B	99, 154, 215
Decimal	6540247
CIE Lab	76.24, -26.76, -15.18
CIE LCh	76, 30.764, 209.558
Yxy	50.2708, 0.2408, 0.3123
Android (android.graphics.Color)	4284730327 (0xFF63CBD7)
YUV	173.2720, 20.5719, -65.1365
Hunter-Lab	70.9019, -26.4793, -10.5351

Details

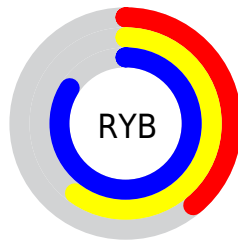
The Hex color **63CBD7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D76F63**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9EFFFF**, and **1C95A0** is the 20% darker color. If you saturate the color by 10%, you get **4EC9D7**, and if you desaturate by 10%, it is **79CDD7**.

Distribution



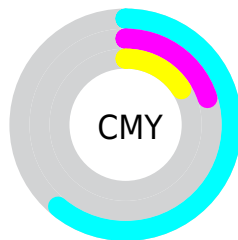
- Red (39%)
- Green (80%)
- Blue (84%)



- Red (39%)
- Yellow (60%)
- Blue (84%)



- Cyan (54%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (61%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63CBD7 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 63CBD7 by changing the saturation by 10% instead.

 63CBD7

 63CBD7

FFFFFF

 44AFBB

 9EFFFF

 1C95A0

 BCFFFF

 007A86

 D9FFFF

 00616D

 F8FFFF

 004955

 00323D

 001F27

 000113

 000000

■ 63CBD7

■ 63CBD7

■ 4EC9D7

■ 79CDD7

■ 38C7D7

■ 8ECFD7

■ 23C4D7

■ A4D2D7

■ 0DC2D7

■ B9D4D7

■ 00C1D7

■ CFD6D7

■ E4D8D7

■ FADBD7

■ FFDDD7

■ FFDFD7

Harmonies

Analogous

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



73CCBB



63CBD7



72C7EC

Triad

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



63CBD7



E0ACD9



D1BA83

Complementary

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



63CBD7



D76F63

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.



E8B08C



63CBD7



F2A7BD

Square

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



63CBD7



C0B5ED



F4A9A1



B2C38A

Rectangle

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



63CBD7



89C2F3



F4A9A1



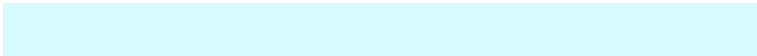
D9B784

Sweetspot

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



63CBD7



D6FBFF



63D76F



677D80



000000



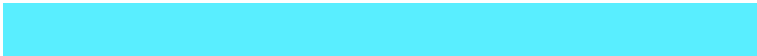
808080

Same Dimension

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



63CBD7



59EEFF



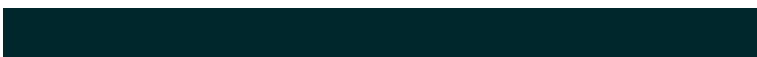
6391D7



606A6B



0099AB



00272B

Inverse Universe

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



D763CB



FF59EE



D7A963



6B606A



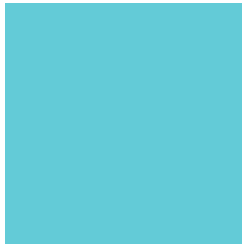
AB0099



2B0027

Previews

White Background



This preview shows how the Hex color 63CBD7 looks on a white background.

Color Contrast Check

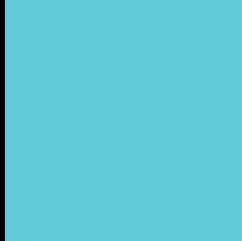
Large Text (above 18pt) WCAG AA × Fail

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 63CBD7 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 63CBD7 Background



This preview shows how black text looks on a background with the Hex color 63CBD7.



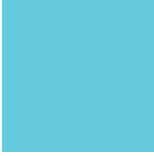
This preview shows how white text looks on a background with the Hex color 63CBD7.

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](#).

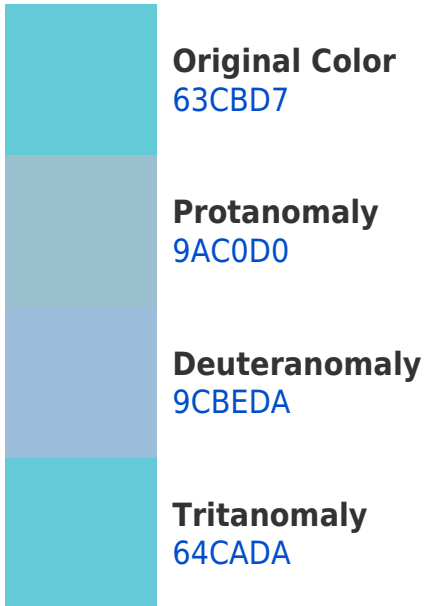
Dichromacy



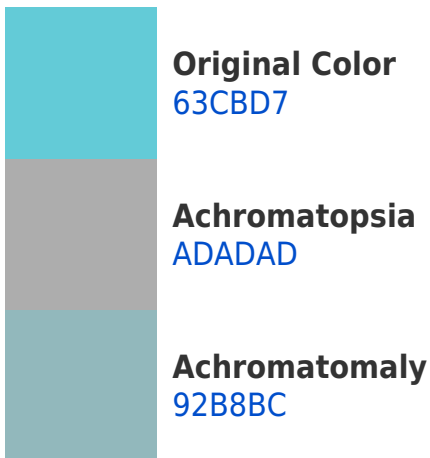


Tritanopia
64CADB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63CBD7 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 #63CBD7 looks like.

```
.text, #text, p{  
    color:#63CBD7  
}
```

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 #63CBD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63CBD7  
}
```

Border

The CSS property to change the border of an element to Hex 63CBD7 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  
#63CBD7 }
```

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

```
.border{ border-color:#63CBD7 }
```

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

Here you see how a box with a 4 pixel #63CBD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63CBD7; -webkit-box-shadow:4px 4px  
4px 4px #63CBD7; box-shadow:4px 4px 4px  
4px #63CBD7 }
```

Background

The CSS property to change the background color of an element to Hex 63CBD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63CBD7 }
```

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

```
.background{ background-color:#63CBD7 }
```

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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