

Converting Colors

Hex(63CBCE)

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

Hex(63CBCE)	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(63CBCE)

Conversions

Conversions Part 1

Format	Color
Hex	63CBCE
RGB	99, 203, 206
RGB Percent	39%, 80%, 81%
CMY	0.6118, 0.2039, 0.1922
CMYK	0.52, 0.01, 0.00, 0.19
HSL	182°, 52%, 60%
HSV	182°, 52%, 81%
XYZ	37.6421, 49.8208, 66.0249
YIQ	172.2460, -62.9470, -21.1150

Conversions

Conversions Part 2

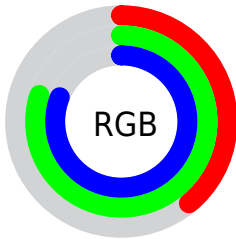
Format	Color
RYB	99, 152, 206
Decimal	6540238
CIELab	75.96, -29.19, -10.73
CIElCh	76, 31.103, 200.185
Yxy	49.8208, 0.2452, 0.3246
Android (android.graphics.Color)	4284730318 (0xFF63CBCE)
YUV	172.2460, 16.6407, -64.2367
Hunter-Lab	70.5838, -28.3283, -6.0519

Details

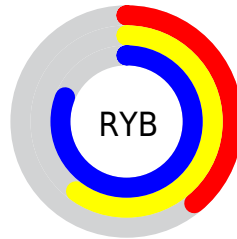
The Hex color **63CBCE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE6663**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9EFFFF**, and **1F9498** is the 20% darker color. If you saturate the color by 10%, you get **4ECACE**, and if you desaturate by 10%, it is **78CCCE**.

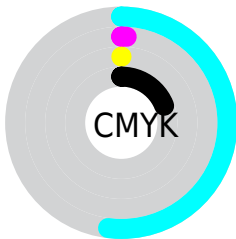
Distribution



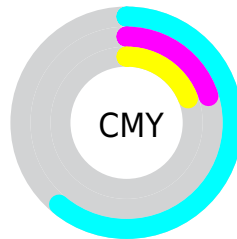
- Red (39%)
- Green (80%)
- Blue (81%)



- Red (39%)
- Yellow (60%)
- Blue (81%)



- Cyan (52%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (61%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 63CBCE

 63CBCE

FFFFFF

 44AFB3

 9EFFFF

 1F9498

 BBFFFF

 007A7E

 D9FFFF

 006165

 F7FFFF

 00494D

 003236

 001E21

 000009

 000000

 63CBCE

 63CBCE

 4ECACE

 78CCCE

 3ACACE

 8CCCCE

 25C9CE

 A1CDCE

 11C9CE

 B5CDCE

 00C8CE

 CACECE

 DFCECE

 F3CFCE

 FFD0CE

Harmonies

Analogous

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



7ACBB0



63CBCE



67C8E6

Triad

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



63CBCE



D7ADE0



D8B683

Complementary

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



63CBCE



CE6663

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.



EDAD90



63CBCE



EEA7C6

Square

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



63CBCE



B2B7F1



F5A7A9



BCC085

Rectangle

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



63CBCE



7CC3F1



F5A7A9



E0B386

Sweetspot

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



63CBCE



D6FEFF



63CE65



677F80



000000



808080

Same Dimension

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



63CBCE



61FBFF



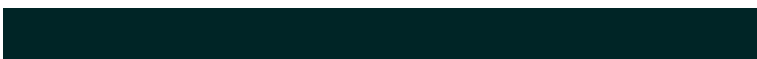
6397CE



5C6666



00A1A6



002526

Inverse Universe

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



CE63CB



FF61FB



CE9A63



665C66



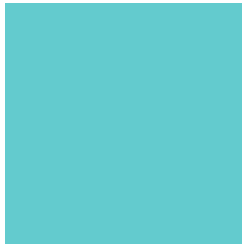
A600A1



260025

Previews

White Background



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

Color Contrast Check

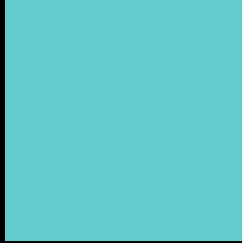
Large Text (above 18pt) WCAG AA × Fail

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 63CBCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

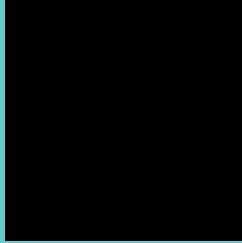
Any Text WCAG AA ✓ Pass

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 63CBCE Background



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

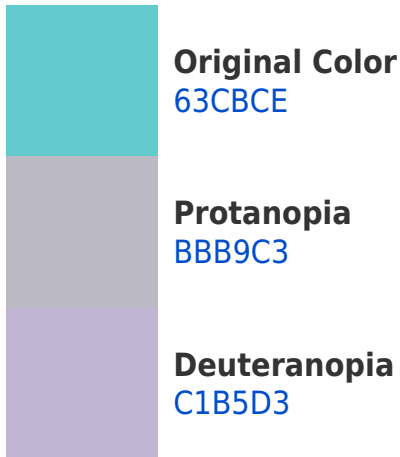


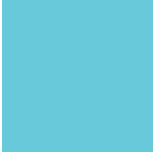
This preview shows how white text looks on a background with the Hex color 63CBCE.

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](#).

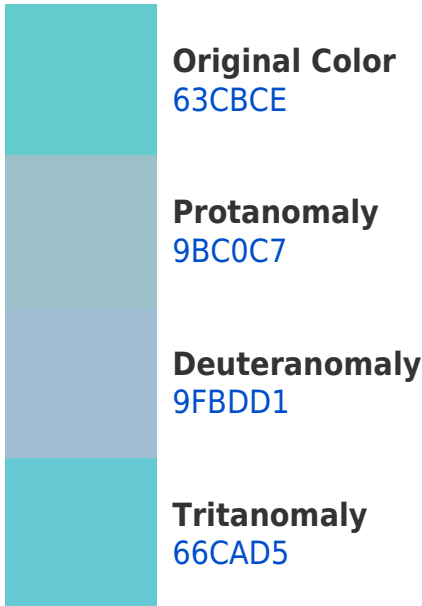
Dichromacy



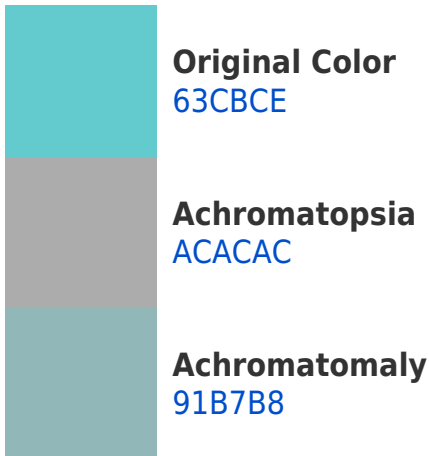


Tritanopia
67C9D9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #63CBCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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