

# Converting Colors

Hex(63CACE)

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

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**Color**

**Hex(63CACE)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 63CACE                       |
| RGB         | 99, 202, 206                 |
| RGB Percent | 39%, 79%, 81%                |
| CMY         | 0.6118, 0.2078, 0.1922       |
| CMYK        | 0.52, 0.02, 0.00, 0.19       |
| HSL         | 182°, 52%, 60%               |
| HSV         | 182°, 52%, 81%               |
| XYZ         | 37.4067, 49.3499, 65.9465    |
| YIQ         | 171.6590, -62.6720, -20.5920 |

# Conversions

## Conversions Part 2

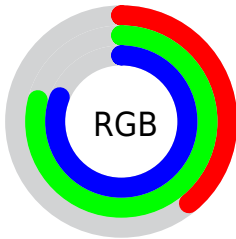
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 99, 151, 206                   |
| Decimal                             | 6539982                        |
| CIELab                              | 75.67, -28.71, -11.17          |
| CIELCh                              | 76, 30.803, 201.255            |
| Yxy                                 | 49.3499, 0.2450,<br>0.3232     |
| Android<br>(android.graphics.Color) | 4284730062<br>(0xFF63CACE)     |
| YUV                                 | 171.6590, 16.9301,<br>-63.7219 |
| Hunter-Lab                          | 70.2495, -27.8884,<br>-6.4836  |

# Details

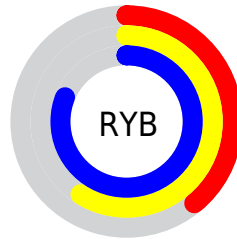
The Hex color **63CACE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE6763**, and the grayscale version is **ACACAC**.

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 **4EC9CE**, and if you desaturate by 10%, it is **78CBCE**.

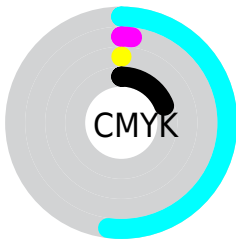
# Distribution



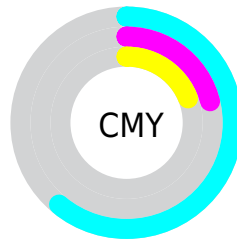
- Red (39%)
- Green (79%)
- Blue (81%)



- Red (39%)
- Yellow (59%)
- Blue (81%)



- Cyan (52%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (61%)
- Magenta (21%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 63CACE

 63CACE

FFFFFF

 44AEB3

 9EFFFF

 1F9498

 BBFFFF

 00797E

 D8FFFF

 006065

 F6FFFF

 00484D

 003136

 001D21

 000009

 000000

 63CACE

 63CACE

 4EC9CE

 78CBCE

 3AC8CE

 8CCCCE

 25C8CE

 A1CCCE

 11C7CE

 B5CDCE

 00C6CE

 CACECE

 DFCFCE

 F3CFCE

 FFD0CE

 FFD1CE

# Harmonies

## Analogous

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



79CAB1



63CACE



69C7E6

# Triad

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



63CACE



D7ACDE



D6B683

# Complementary

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



63CACE



CE6763

# 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.



EBAC8F



63CACE



EDA6C4

# Square

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



63CACE



B3B6EF



F4A6A7



BABF85

# Rectangle

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



63CACE



7DC2F0



F4A6A7



DEB385



# Sweetspot

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



63CACE



D6FDFF



63CE67



677F80



000000



808080



# Same Dimension

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



63CACE



61F9FF



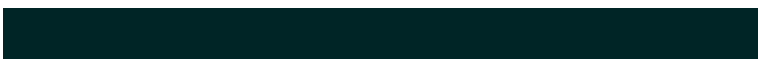
6395CE



5C6666



00A0A6



002526



# Inverse Universe

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



CE63CA



FF61F9



CE9C63



665C66



A600A0

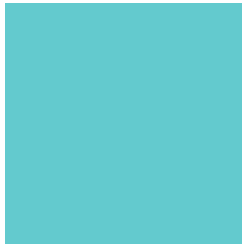


260025



# Previews

## White Background



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

## Color Contrast Check

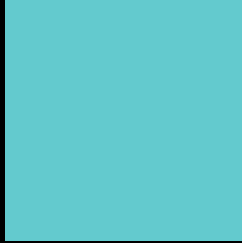
Large Text (above 18pt) WCAG AA × Fail

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 63CACE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

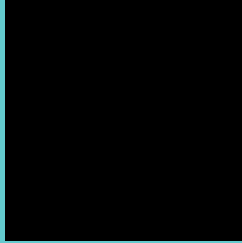
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63CACE Background



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

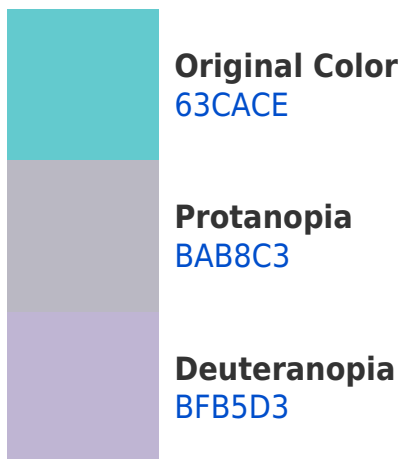


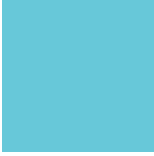
This preview shows how white text looks on a background with the Hex color 63CACE.

# 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**  
67C8D9

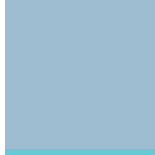
# Trichromacy



**Original Color**  
63CACE



**Protanomaly**  
9ABFC7



**Deuteranomaly**  
9EBDD1



**Tritanomaly**  
66C9D5

# Monochromacy



**Original Color**  
63CACE



**Achromatopsia**  
ACACAC



**Achromatomaly**  
91B7B8

# CSS Examples

## Text

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

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

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 #63CACE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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