

# Converting Colors

Hex(719CDD)

Have a look what the booklet for  
Hex(719CDD) contains.

<b>Hex(719CDD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(719CDD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	719CDD
RGB	113, 156, 221
RGB Percent	44%, 61%, 87%
CMY	0.5569, 0.3882, 0.1333
CMYK	0.49, 0.29, 0.00, 0.13
HSL	216°, 61%, 65%
HSV	216°, 49%, 87%
XYZ	31.7497, 32.5081, 73.0079
YIQ	150.5530, -46.4930, 11.0990

# Conversions

## Conversions Part 2

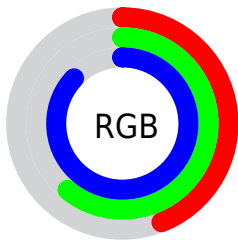
Format	Color
<a href="#">RYB</a>	<a href="#">113, 144, 221</a>
Decimal	<a href="#">7445725</a>
CIELab	<a href="#">63.76, 3.13, -37.53</a>
CIELCh	<a href="#">64, 37.664, 274.767</a>
Yxy	<a href="#">32.5081, 0.2313, 0.2368</a>
Android (android.graphics.Color)	<a href="#">4285635805</a> ( <a href="#">0xFF719CDD</a> )
YUV	<a href="#">150.5530, 34.7304, -32.9340</a>
Hunter-Lab	<a href="#">57.0159, -0.3789, -36.0088</a>

# Details

The Hex color **719CDD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DDB271**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **AAD2FF**, and **3769A6** is the 20% darker color. If you saturate the color by 10%, you get **5B8FDD**, and if you desaturate by 10%, it is **87A9DD**.

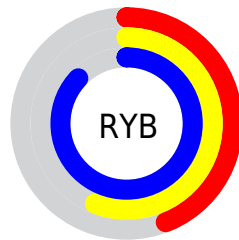
# Distribution



Red (44%)

Green (61%)

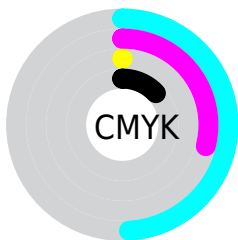
Blue (87%)



Red (44%)

Yellow (56%)

Blue (87%)

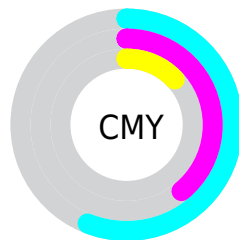


Cyan (49%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (56%)

Magenta (39%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 719CDD 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 719CDD by changing the saturation by 10% instead.



■ 719CDD

FFFFFF

■ AAD2FF

■ C6EFFF

■ E4FFFF

■ 719CDD

■ 5582C1

■ 3769A6

■ 10518B

■ 003B71

■ 002558

■ 001041

■ 00032A

■ 000114

■ 000000

719CDD

719CDD

5B8FDD

87A9DD

4581DD

9DB7DD

2F74DD

B3C4DD

1967DD

C9D1DD

0359DD

E0DFDD

0058DD

F6ECDD

FFF9DD

FFFFDD

# Harmonies

## Analogous

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



2CA6D6



719CDD



A590D2

# Triad

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



719CDD



D98476



5EAA7D

# Complementary

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



719CDD



DDB271

# 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.



87A462



719CDD



C78F5E

# Square

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



719CDD



DA8096



AB9A57



26AC9F

# Rectangle

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



719CDD



BF88C2



AB9A57



6CA873



# Sweetspot

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



719CDD



D9E8FF



71DDB2



697280



000000



808080

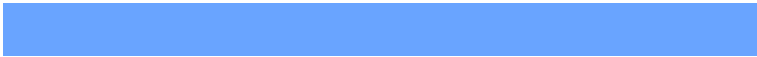


# Same Dimension

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



719CDD



69A4FF



7C71DD



63676E



0045AD



00122E



# Inverse Universe

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



DD719C



FF69A4



D2DD71



6E6367



AD0045

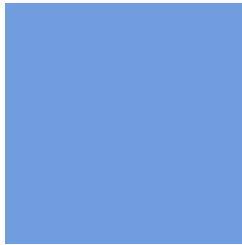


2E0012



# Previews

## White Background



This preview shows how the Hex color 719CDD looks on a white background.

## Color Contrast Check

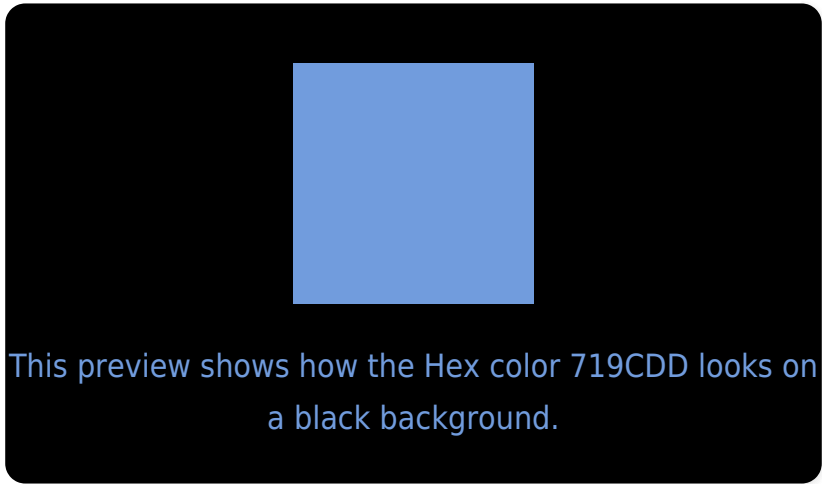
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

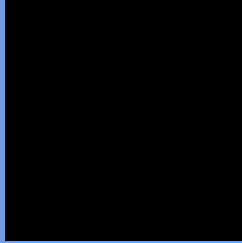
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

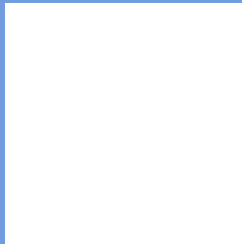
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 719CDD Background



This preview shows how black text looks on a background with the Hex color 719CDD.



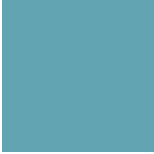
This preview shows how white text looks on a background with the Hex color 719CDD.

# 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](#).

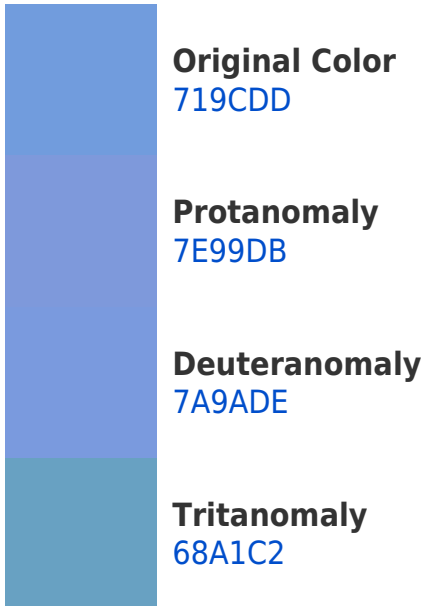
## Dichromacy



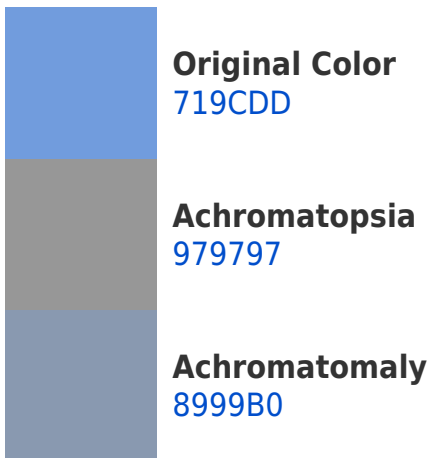


**Tritanopia**  
63A4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 719CDD 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 #719CDD looks like.

```
.text, #text, p{  
    color:#719CDD  
}
```

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 #719CDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #719CDD
}
```

## Border

The CSS property to change the border of an element to Hex 719CDD 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
#719CDD }
```

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

```
.border{ border-color:#719CDD }
```

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

Here you see how a box with a 4 pixel #719CDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #719CDD; -webkit-box-shadow:4px 4px  
4px 4px #719CDD; box-shadow:4px 4px 4px  
4px #719CDD }
```

# Background

The CSS property to change the background color of an element to Hex 719CDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#719CDD }
```

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

```
.background{ background-color:#719CDD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor