

# Converting Colors

Hex(579DDC)

Have a look what the booklet for  
Hex(579DDC) contains.

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# **Color**

**Hex(579DDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	579DDC
RGB	87, 157, 220
RGB Percent	34%, 62%, 86%
CMY	0.6588, 0.3843, 0.1373
CMYK	0.60, 0.29, 0.00, 0.14
HSL	208°, 66%, 60%
HSV	208°, 60%, 86%
XYZ	28.9057, 31.3075, 72.2296
YIQ	143.2520, -61.9430, 4.7530

# Conversions

## Conversions Part 2

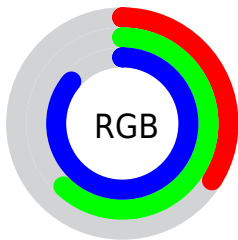
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 133, 220
Decimal	5742044
CIE <sub>Lab</sub>	62.77, -3.27, -38.62
CIE <sub>LCh</sub>	63, 38.762, 265.163
Yxy	31.3075, 0.2183, 0.2364
Android (android.graphics.Color)	4283932124 (0xFF579DDC)
YUV	143.2520, 37.8368, -49.3330
Hunter-Lab	55.9531, -5.7037, -37.3700

# Details

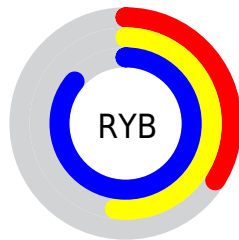
The Hex color **579DDC** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **DC9657**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **93D3FF**, and **006AA5** is the 20% darker color. If you saturate the color by 10%, you get **4193DC**, and if you desaturate by 10%, it is **6DA7DC**.

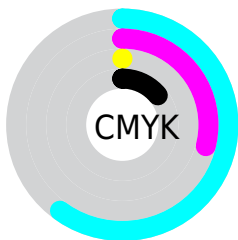
# Distribution



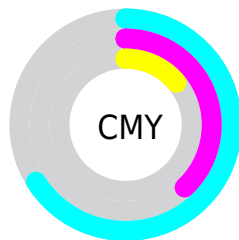
- Red (34%)
- Green (62%)
- Blue (86%)



- Red (34%)
- Yellow (52%)
- Blue (86%)



- Cyan (60%)
- Magenta (29%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (38%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 579DDC 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 579DDC by changing the saturation by 10% instead.



■ 579DDC

■ 579DDC

FFFFFF

■ 3683C0

■ 93D3FF

■ 006AA5

■ B0F0FF

■ 00528A

■ CEFFFF

■ 003B70

■ ECFFFF

■ 002657

■ 001140

■ 000329

■ 000113

■ 000000

■ 579DDC

■ 579DDC

■ 4193DC

■ 6DA7DC

■ 2B88DC

■ 83B2DC

■ 157EDC

■ 99BCDC

■ 0074DC

■ AFC7DC

■ C5D1DC

■ DBDCDC

■ F1E6DC

■ FFF0DC

■ FFFBDC

# Harmonies

## Analogous

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



00A5CF



579DDC



9391D6

# Triad

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



579DDC



DA7E7C



67A66F

# Complementary

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



579DDC



DC9657

# 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.



909F58



579DDC



CD8860

# Square

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



579DDC



D57D9F



B39452



32AA91

# Rectangle

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



579DDC



B188C9



B39452



76A466

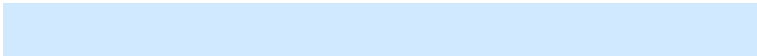


# Sweetspot

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



579DDC



D1E9FF



57DC95



637280



000000



808080



# Same Dimension

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



579DDC



45A7FF



575BDC



63686E



005BAD



00182E



# Inverse Universe

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



DC579D



FF45A7



DCD857



6E6368



AD005B



2E0018



# Previews

## White Background



This preview shows how the Hex color 579DDC looks on a white background.

## Color Contrast Check

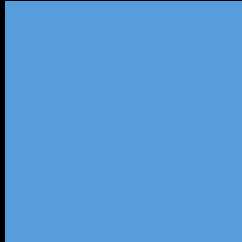
Large Text (above 18pt) WCAG AA × Fail

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 579DDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

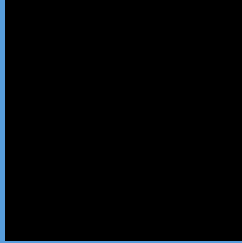
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 579DDC Background



This preview shows how black text looks on a background with the Hex color 579DDC.

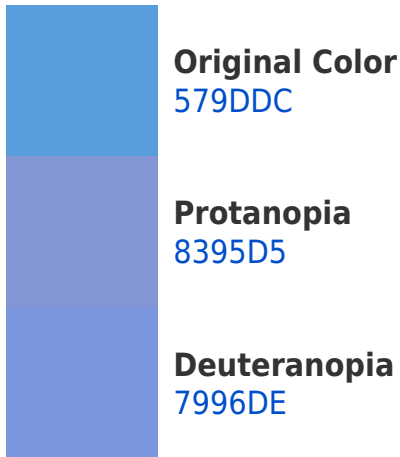


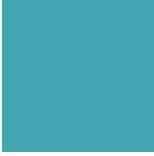
This preview shows how white text looks on a background with the Hex color 579DDC.

# 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](#).

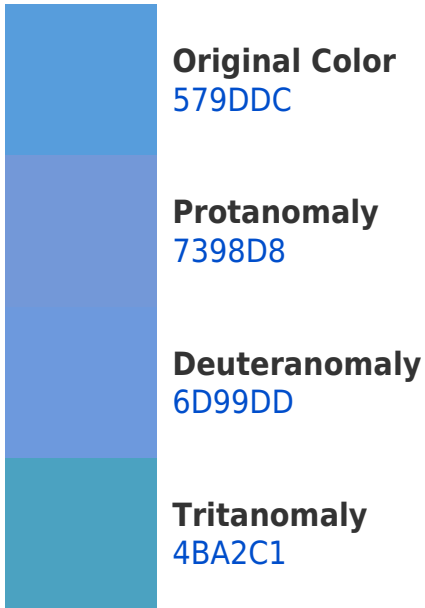
## Dichromacy



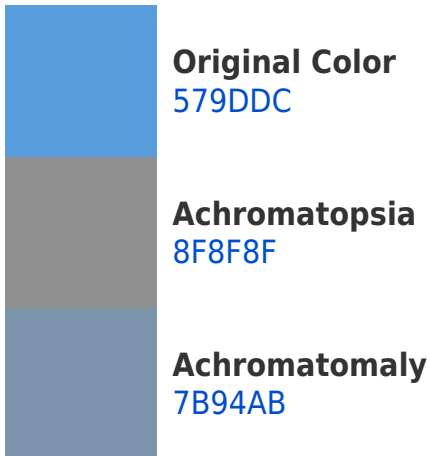


**Tritanopia**  
44A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 579DDC 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 #579DDC looks like.

```
.text, #text, p{  
    color:#579DDC  
}
```

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 #579DDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #579DDC
}
```

## Border

The CSS property to change the border of an element to Hex 579DDC 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
#579DDC }
```

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

```
.border{ border-color:#579DDC }
```

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

Here you see how a box with a 4 pixel #579DDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #579DDC; -webkit-box-shadow:4px 4px  
4px 4px #579DDC; box-shadow:4px 4px 4px  
4px #579DDC }
```

# Background

The CSS property to change the background color of an element to Hex 579DDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#579DDC }
```

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

```
.background{ background-color:#579DDC }
```

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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