

Converting Colors

Hex(1577CF)

Have a look what the booklet for
Hex(1577CF) contains.

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Color

Hex(1577CF)

Conversions

Conversions Part 1

Format	Color
Hex	1577CF
RGB	21, 119, 207
RGB Percent	8%, 47%, 81%
CMY	0.9176, 0.5333, 0.1882
CMYK	0.90, 0.43, 0.00, 0.19
HSL	208°, 82%, 45%
HSV	208°, 90%, 81%
XYZ	18.1686, 17.8581, 61.5209
YIQ	99.7300, -86.6560, 6.5920

Conversions

Conversions Part 2

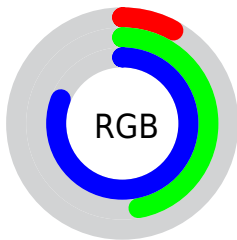
Format	Color
R_{YB}	21, 85, 207
Decimal	1406927
CIE _{Lab}	49.32, 6.46, -52.72
CIE _{LCh}	49, 53.110, 276.985
Yxy	17.8581, 0.1863, 0.1831
Android (android.graphics.Color)	4279597007 (0xFF1577CF)
YUV	99.7300, 52.8841, -69.0462
Hunter-Lab	42.2588, 2.7906, -56.7339

Details

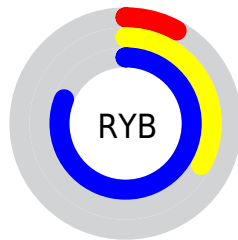
The Hex color **1577CF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CF6D15**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **68ABFF**, and **004898** is the 20% darker color. If you saturate the color by 10%, you get **006DCF**, and if you desaturate by 10%, it is **2A81CF**.

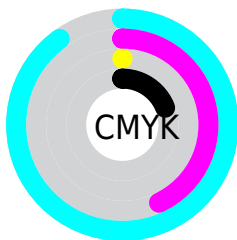
Distribution



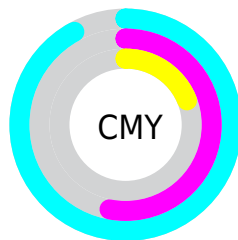
- Red (8%)
- Green (47%)
- Blue (81%)



- Red (8%)
- Yellow (33%)
- Blue (81%)



- Cyan (90%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)




- Cyan (92%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1577CF 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 1577CF by changing the saturation by 10% instead.

 1577CF

 1577CF

FFFFFF

 005FB3

 68ABFF

 004898

 87C6FF

 00327E

 A6E2FF

 001E64

 C5FEFF

 00064C

 E3FFFF

 000434

 00021E

 000000

 1577CF

 1577CF

006DCF

2A81CF

3E8BCF

5394CF

689ECF

7DA8CF

91B2CF

A6BCCF

BBC5CF

CFCFCF

Harmonies

Analogous

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



0083C8



1577CF



8465BE

Triad

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



1577CF



C05341



008850

Complementary

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



1577CF



CF6D15

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.



528227



1577CF



A7661D

Square

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



1577CF



C6496D



82760B



008B7F

Rectangle

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



1577CF



A757A7



82760B



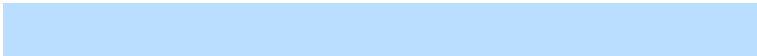
1F8641

Sweetspot

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



1577CF



BADEFF



15CF6C



576C80



000000



808080

Same Dimension

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



1577CF



0086FF



151BCF



5E6469



0059A8



001529

Inverse Universe

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



CF1577



FF0086



CFC915



695E64



A80059



290015

Previews

White Background



This preview shows how the Hex color 1577CF looks on a white background.

Color Contrast Check

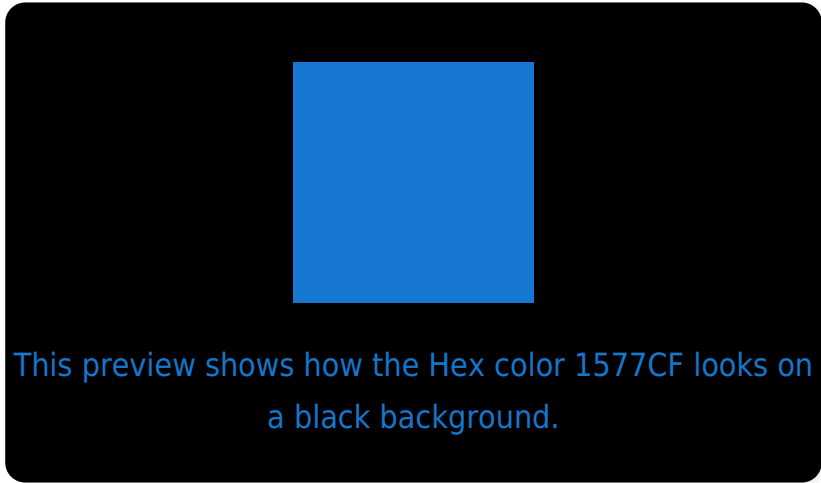
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

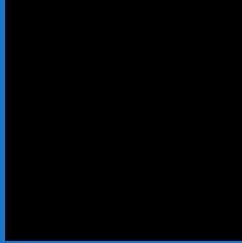
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1577CF Background



This preview shows how black text looks on a background with the Hex color 1577CF.

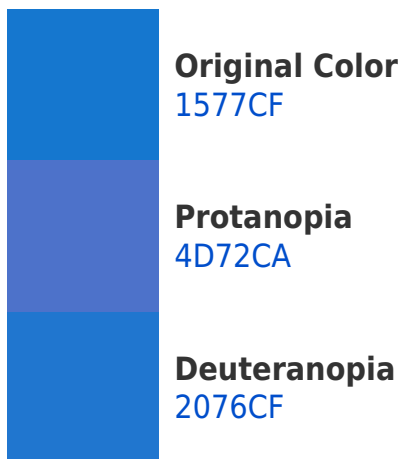


This preview shows how white text looks on a background with the Hex color 1577CF.

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](#).

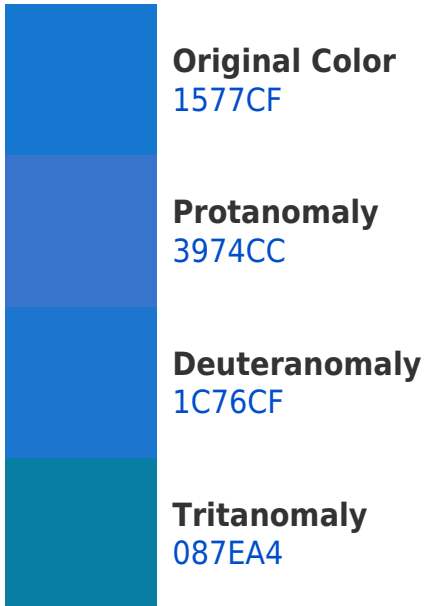
Dichromacy



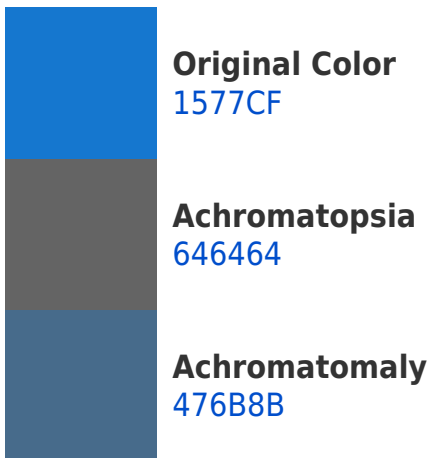


Tritanopia
00828B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1577CF 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 #1577CF looks like.

```
.text, #text, p{  
    color:#1577CF  
}
```

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 #1577CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1577CF
}
```

Border

The CSS property to change the border of an element to Hex 1577CF 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
#1577CF }
```

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

```
.border{ border-color:#1577CF }
```

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

Here you see how a box with a 4 pixel #1577CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1577CF; -webkit-box-shadow:4px 4px  
4px 4px #1577CF; box-shadow:4px 4px 4px  
4px #1577CF }
```

Background

The CSS property to change the background color of an element to Hex 1577CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1577CF }
```

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

```
.background{ background-color:#1577CF }
```

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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