

Converting Colors

Hex(1577D1)

Have a look what the booklet for
Hex(1577D1) contains.

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Color

Hex(1577D1)

Conversions

Conversions Part 1

Format	Color
Hex	1577D1
RGB	21, 119, 209
RGB Percent	8%, 47%, 82%
CMY	0.9176, 0.5333, 0.1804
CMYK	0.90, 0.43, 0.00, 0.18
HSL	209°, 82%, 45%
HSV	209°, 90%, 82%
XYZ	18.4147, 17.9565, 62.8170
YIQ	99.9580, -87.2980, 7.2140

Conversions

Conversions Part 2

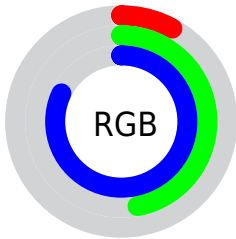
Format	Color
RYB	21, 85, 209
Decimal	1406929
CIELab	49.44, 7.24, -53.66
CIELCh	49, 54.148, 277.681
Yxy	17.9565, 0.1857, 0.1810
Android (android.graphics.Color)	4279597009 (0xFF1577D1)
YUV	99.9580, 53.7577, -69.2462
Hunter-Lab	42.3751, 3.4132, -58.2290

Details

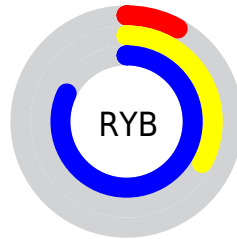
The Hex color **1577D1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D16F15**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **68ABFF**, and **00489A** is the 20% darker color. If you saturate the color by 10%, you get **006DD1**, and if you desaturate by 10%, it is **2A81D1**.

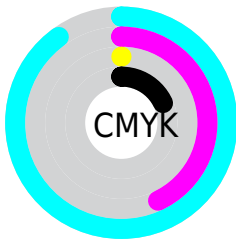
Distribution



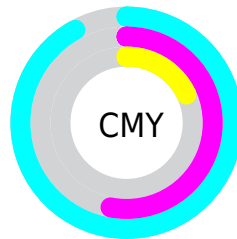
- Red (8%)
- Green (47%)
- Blue (82%)



- Red (8%)
- Yellow (33%)
- Blue (82%)



- Cyan (90%)
- Magenta (43%)
- Yellow (0%)
- Black (18%)



- Cyan (92%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1577D1 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 1577D1 by changing the saturation by 10% instead.

■ 1577D1

■ 1577D1

FFFFFF

■ 005FB5

■ 68ABFF

■ 00489A

■ 88C6FF

■ 00327F

■ A7E2FF

■ 001E66

■ C5FEFF

■ 00064D

■ E4FFFF

■ 000535

■ 00021F

■ 000002

■ 000000

■ 1577D1

■ 1577D1

■ 006DD1

■ 2A81D1

■ 3F8BD1

■ 5495D1

■ 699FD1

■ 7EA9D1

■ 92B3D1

■ A7BDD1

■ BCC7D1

■ D1D1D1

Harmonies

Analogous

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



0084CA



1577D1



8664BF

Triad

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



1577D1



C15340



008951

Complementary

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



1577D1



D16F15

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.



508226



1577D1



A8661A

Square

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



1577D1



C8486C



827706



008B80

Rectangle

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



1577D1



A956A7



827706



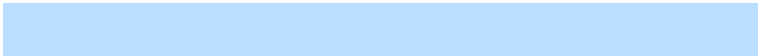
188742

Sweetspot

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



1577D1



BADEFF



15D16D



576C80



000000



808080

Same Dimension

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



1577D1



0085FF



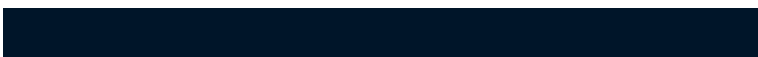
151BD1



5E6469



0058A8



001529

Inverse Universe

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



D11577



FF0085



D1CB15



695E64



A80058



290015

Previews

White Background



This preview shows how the Hex color 1577D1 looks on a white background.

Color Contrast Check

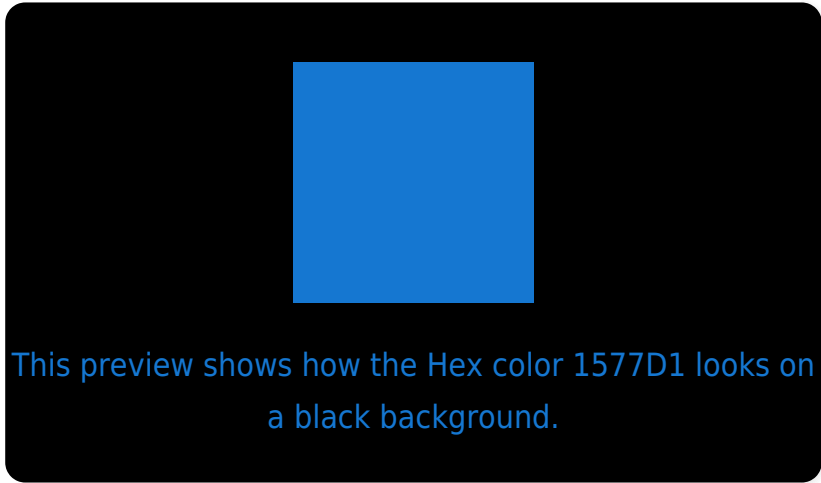
Large Text (above 18pt) WCAG AA ✓ Pass

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

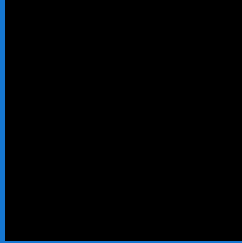
Any Text WCAG AA ✓ Pass

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 1577D1 Background



This preview shows how black text looks on a background with the Hex color 1577D1.

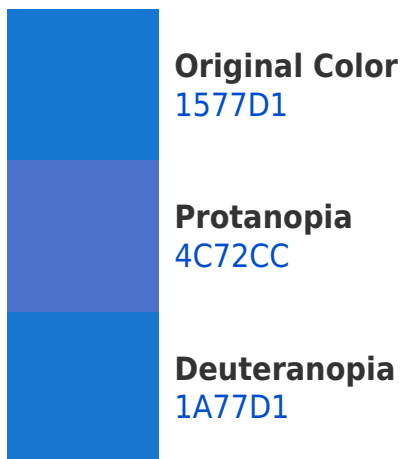


This preview shows how white text looks on a background with the Hex color 1577D1.

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](#).

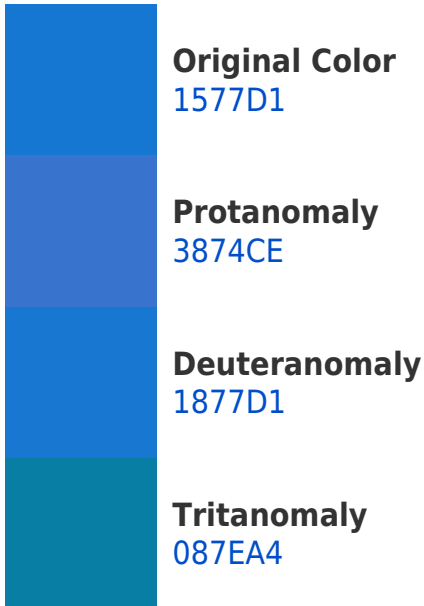
Dichromacy



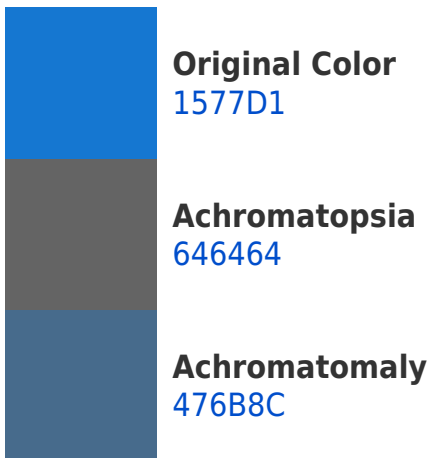


Tritanopia
00828B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1577D1 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 #1577D1 looks like.

```
.text, #text, p{  
    color:#1577D1  
}
```

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 #1577D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1577D1
}
```

Border

The CSS property to change the border of an element to Hex 1577D1 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
#1577D1 }
```

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

```
.border{ border-color:#1577D1 }
```

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

Here you see how a box with a 4 pixel #1577D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1577D1; -webkit-box-shadow:4px 4px  
4px 4px #1577D1; box-shadow:4px 4px 4px  
4px #1577D1 }
```

Background

The CSS property to change the background color of an element to Hex 1577D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1577D1 }
```

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

```
.background{ background-color:#1577D1 }
```

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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