

Converting Colors

Hex(1757C2)

Have a look what the booklet for
Hex(1757C2) contains.

Hex(1757C2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1757C2)

Conversions

Conversions Part 1

Format	Color
Hex	1757C2
RGB	23, 87, 194
RGB Percent	9%, 34%, 76%
CMY	0.9098, 0.6588, 0.2392
CMYK	0.88, 0.55, 0.00, 0.24
HSL	218°, 79%, 43%
HSV	218°, 88%, 76%
XYZ	13.4991, 10.8936, 52.4301
YIQ	80.0620, -72.4910, 19.7090

Conversions

Conversions Part 2

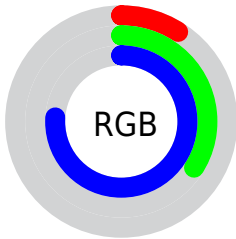
Format	Color
RYB	23, 70, 194
Decimal	1529794
CIELab	39.40, 22.08, -61.24
CIELCh	39, 65.099, 289.822
Yxy	10.8936, 0.1757, 0.1418
Android (android.graphics.Color)	4279719874 (0xFF1757C2)
YUV	80.0620, 56.1714, -50.0434
Hunter-Lab	33.0054, 15.2466, -71.0801

Details

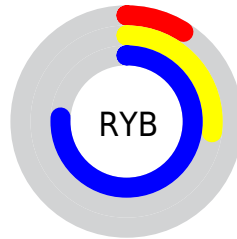
The Hex color **1757C2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C28217**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6688FB**, and **002B8B** is the 20% darker color. If you saturate the color by 10%, you get **044BC2**, and if you desaturate by 10%, it is **2A63C2**.

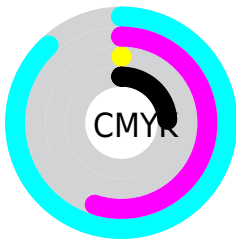
Distribution



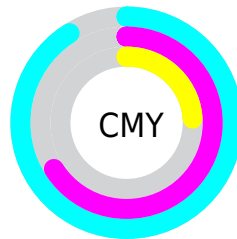
- Red (9%)
- Green (34%)
- Blue (76%)



- Red (9%)
- Yellow (27%)
- Blue (76%)



- Cyan (88%)
- Magenta (55%)
- Yellow (0%)
- Black (24%)



- Cyan (91%)
- Magenta (66%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1757C2 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 1757C2 by changing the saturation by 10% instead.

■ 1757C2

■ 1757C2

FFFFFF

■ 0040A6

■ 6688FB

■ 002B8B

■ 85A2FF

■ 001971

■ A4BDFF

■ 000058

■ C2D9FF

■ 000740

■ E0F5FF

■ 000329

■ 000112

■ 000000

■ 1757C2

■ 1757C2

■ 044BC2

■ 2A63C2

■ 0049C2

■ 3E6FC2

■ 517BC2

■ 6588C2

■ 7894C2

■ 8BA0C2

■ 9FACC2

■ B2B8C2

■ C6C4C2

Harmonies

Analogous

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



0069C6



1757C2



883AA2

Triad

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



1757C2



A43A03



007248

Complementary

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



1757C2



C28217

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.



006E09



1757C2



805400

Square

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



1757C2



B7153D



506500



007380

Rectangle

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



1757C2



A72183



506500



007136

Sweetspot

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



1757C2



BBD3FC



17C280



586780



000000



808080

Same Dimension

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



1757C2



005EFC



2B17C2



575B61



003CA1



000C21

Inverse Universe

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



C21757



FC005E



AEC217



61575B



A1003C



21000C

Previews

White Background



This preview shows how the Hex color 1757C2 looks on a white background.

Color Contrast Check

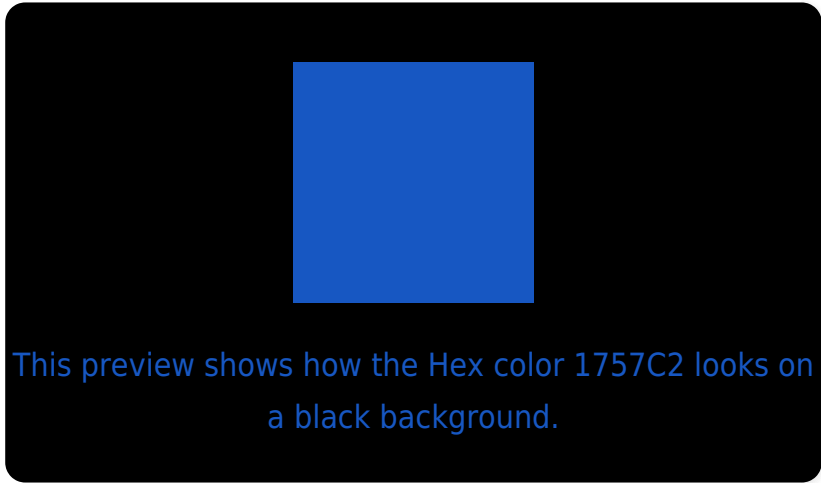
Large Text (above 18pt) WCAG AA ✓ Pass

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

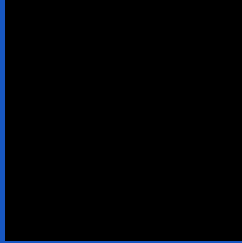
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1757C2 Background



This preview shows how black text looks on a background with the Hex color 1757C2.



This preview shows how white text looks on a background with the Hex color 1757C2.

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



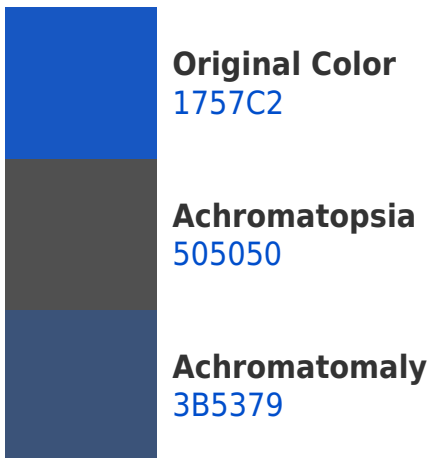


Tritanopia
00676D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1757C2 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 #1757C2 looks like.

```
.text, #text, p{  
    color:#1757C2  
}
```

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 #1757C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1757C2
}
```

Border

The CSS property to change the border of an element to Hex 1757C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

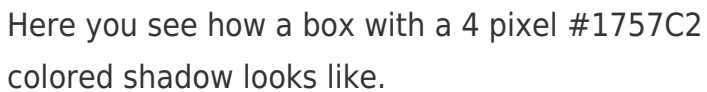
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1757C2 }
```

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

```
.border{ border-color:#1757C2 }
```

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



Here you see how a box with a 4 pixel #1757C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1757C2; -webkit-box-shadow:4px 4px  
4px 4px #1757C2; box-shadow:4px 4px 4px  
4px #1757C2 }
```

Background

The CSS property to change the background color of an element to Hex 1757C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1757C2 }
```

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

```
.background{ background-color:#1757C2 }
```

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