

Converting Colors

Hex(3571CA)

Have a look what the booklet for
Hex(3571CA) contains.

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Color

Hex(3571CA)

Conversions

Conversions Part 1

Format	Color
Hex	3571CA
RGB	53, 113, 202
RGB Percent	21%, 44%, 79%
CMY	0.7922, 0.5569, 0.2078
CMYK	0.74, 0.44, 0.00, 0.21
HSL	216°, 58%, 50%
HSV	216°, 74%, 79%
XYZ	18.0340, 16.8314, 58.1754
YIQ	105.2060, -64.3290, 14.9590

Conversions

Conversions Part 2

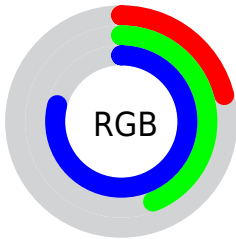
Format	Color
RYB	53, 96, 202
Decimal	3502538
CIELab	48.05, 11.25, -51.86
CIELCh	48, 53.069, 282.237
Yxy	16.8314, 0.1938, 0.1809
Android (android.graphics.Color)	4281692618 (0xFF3571CA)
YUV	105.2060, 47.7194, -45.7847
Hunter-Lab	41.0261, 6.6682, -55.3555

Details

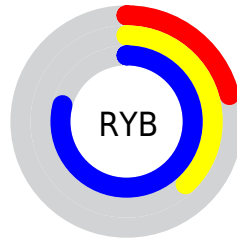
The Hex color **3571CA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CA8E35**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **76A4FF**, and **004293** is the 20% darker color. If you saturate the color by 10%, you get **2165CA**, and if you desaturate by 10%, it is **497DCA**.

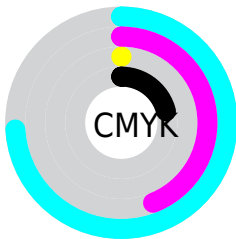
Distribution



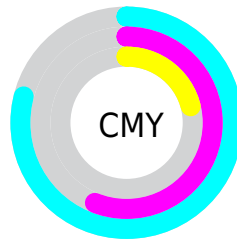
- Red (21%)
- Green (44%)
- Blue (79%)



- Red (21%)
- Yellow (38%)
- Blue (79%)



- Cyan (74%)
- Magenta (44%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (56%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3571CA 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 3571CA by changing the saturation by 10% instead.

■ 3571CA

■ 3571CA

FFFFFF

■ 0059AE

■ 76A4FF

■ 004293

■ 94BFFF

■ 002D79

■ B2DBFF

■ 001A60

■ D0F7FF

■ 000647

■ EEEFFF

■ 000430

■ 00011A

■ 000000

■ 3571CA

■ 3571CA

■ 2165CA

■ 497DCA

■ 0D59CA

■ 5D89CA

■ 0051CA

■ 7295CA

■ 86A1CA

■ 9AADCA

■ AEB9CA

■ C2C5CA

■ D7D2CA

■ EBDECA

Harmonies

Analogous

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



007EC7



3571CA



8B5EB5

Triad

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



3571CA



B95338



008555

Complementary

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



3571CA



CA8E35

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.



45802A



3571CA



9E6614

Square

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



3571CA



C34662



777608



008784

Rectangle

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



3571CA



AA519D



777608



008446

Sweetspot

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



3571CA



C7DDFF



35CA8C



5E6C80



000000



808080

Same Dimension

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



3571CA



1C77FF



4135CA



5C6066



0043A6



000F26

Inverse Universe

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



CA3571



FF1C77



BECA35



665C60



A60043



26000F

Previews

White Background



This preview shows how the Hex color 3571CA looks on a white background.

Color Contrast Check

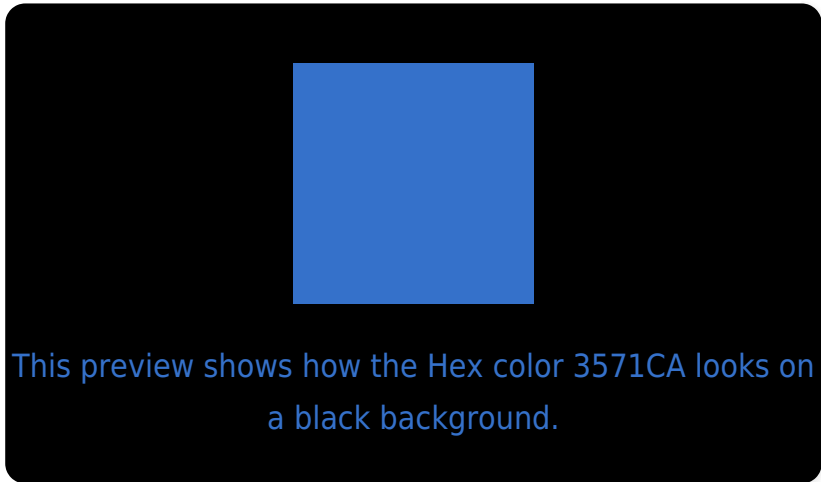
Large Text (above 18pt) WCAG AA ✓ Pass

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

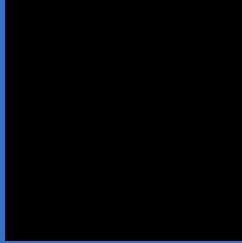
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

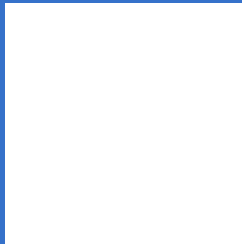
Any Text WCAG AAA × Fail

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

Hex 3571CA Background



This preview shows how black text looks on a background with the Hex color 3571CA.

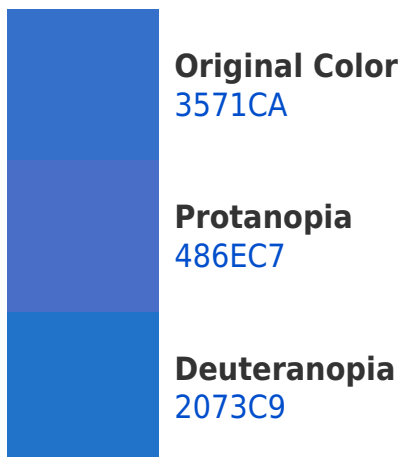


This preview shows how white text looks on a background with the Hex color 3571CA.

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](#).

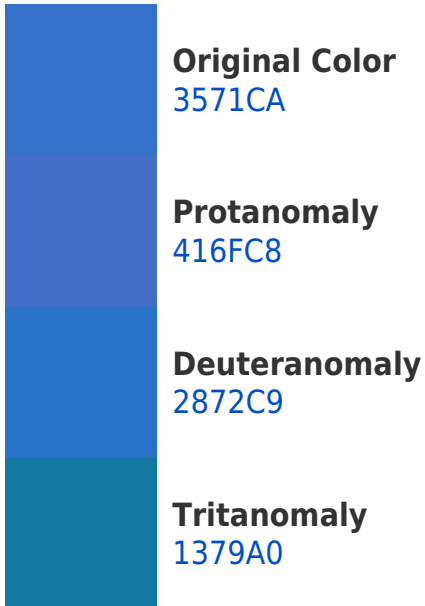
Dichromacy



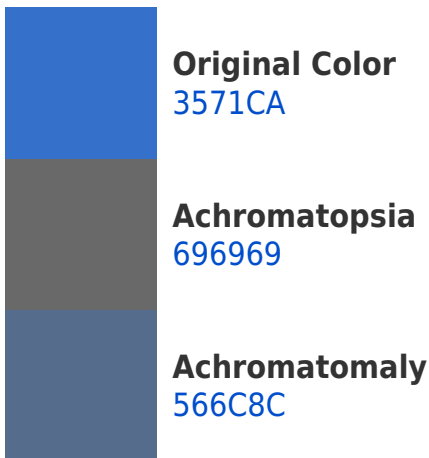


Tritanopia
007E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3571CA 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 #3571CA looks like.

```
.text, #text, p{  
    color:#3571CA  
}
```

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 #3571CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3571CA
}
```

Border

The CSS property to change the border of an element to Hex 3571CA 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
#3571CA }
```

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

```
.border{ border-color:#3571CA }
```

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

Here you see how a box with a 4 pixel #3571CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3571CA; -webkit-box-shadow:4px 4px  
4px 4px #3571CA; box-shadow:4px 4px 4px  
4px #3571CA }
```

Background

The CSS property to change the background color of an element to Hex 3571CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3571CA }
```

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

```
.background{ background-color:#3571CA }
```

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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