

Converting Colors

Hex(347CC2)

Have a look what the booklet for
Hex(347CC2) contains.

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Color

Hex(347CC2)

Conversions

Conversions Part 1

Format	Color
Hex	347CC2
RGB	52, 124, 194
RGB Percent	20%, 49%, 76%
CMY	0.7961, 0.5137, 0.2392
CMYK	0.73, 0.36, 0.00, 0.24
HSL	210°, 58%, 48%
HSV	210°, 73%, 76%
XYZ	18.3614, 19.0404, 53.7464
YIQ	110.4520, -65.3820, 6.5060

Conversions

Conversions Part 2

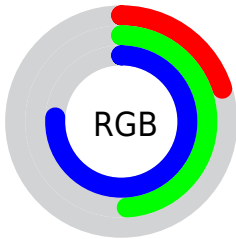
Format	Color
R_{YB}	52, 100, 194
Decimal	3439810
CIE _{Lab}	50.73, 1.39, -43.00
CIE _{LCh}	51, 43.025, 271.855
Yxy	19.0404, 0.2014, 0.2089
Android (android.graphics.Color)	4281629890 (0xFF347CC2)
YUV	110.4520, 41.1892, -51.2624
Hunter-Lab	43.6353, -1.2503, -42.4838

Details

The Hex color **347CC2** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C27A34**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **74B0FB**, and **004C8C** is the 20% darker color. If you saturate the color by 10%, you get **2172C2**, and if you desaturate by 10%, it is **4786C2**.

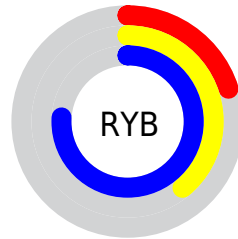
Distribution



Red (20%)

Green (49%)

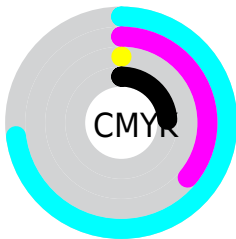
Blue (76%)



Red (20%)

Yellow (39%)

Blue (76%)

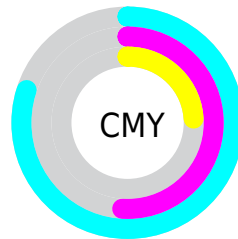


Cyan (73%)

Magenta (36%)

Yellow (0%)

Black (24%)



Cyan (80%)

Magenta (51%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 347CC2 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 347CC2 by changing the saturation by 10% instead.

 347CC2

 347CC2

FFFFFF

 0063A7

 74B0FB

 004C8C

 92CCFF

 003672

 AFE8FF

 002159

 CDFFFF

 000841

 EBFFFF

 00032A

 000114

 000000

 347CC2

 347CC2

■ 2172C2

■ 4786C2

■ 0D69C2

■ 5B8FC2

■ 0062C2

■ 6E99C2

■ 82A2C2

■ 95ACC2

■ A8B5C2

■ BCBFC2

■ CFC9C2

■ E3D2C2

Harmonies

Analogous

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



0086B9



347CC2



7E6EB7

Triad

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



347CC2



BA5D54



338855

Complementary

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



347CC2



C27A34

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.



668237



347CC2



A96A38

Square

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



347CC2



BB5978



8B782C



008B7A

Rectangle

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



347CC2



9C64A7



8B782C



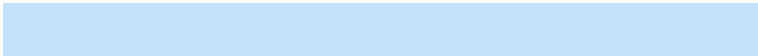
47874A

Sweetspot

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



347CC2



C5E1FC



34C279



5E6F80



000000



808080

Same Dimension

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



347CC2



1E8FFC



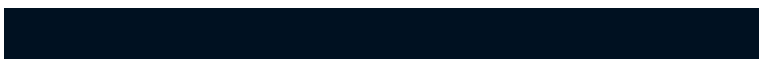
3436C2



575C61



0051A1



001121

Inverse Universe

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



C2347C



FC1E8F



C2C034



61575C



A10051



210011

Previews

White Background



This preview shows how the Hex color 347CC2 looks on a white background.

Color Contrast Check

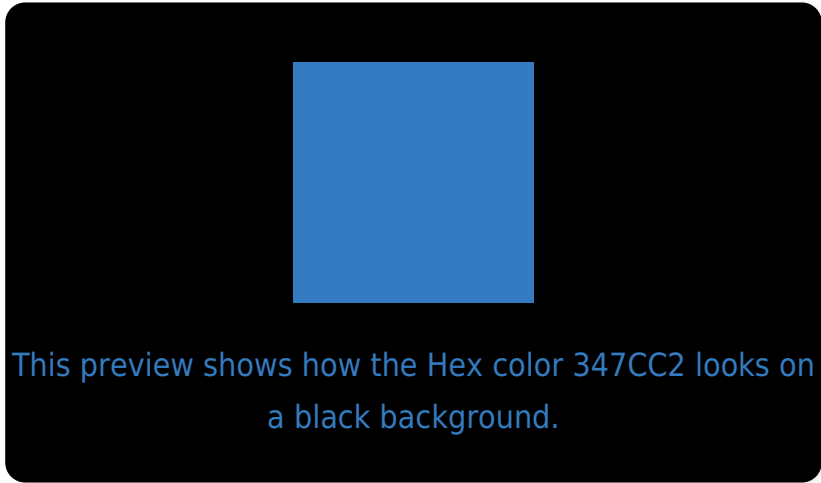
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

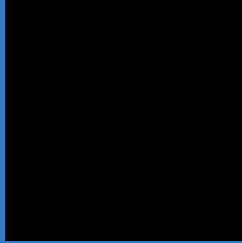
Any Text WCAG AA ✓ Pass

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 347CC2 Background



This preview shows how black text looks on a background with the Hex color 347CC2.

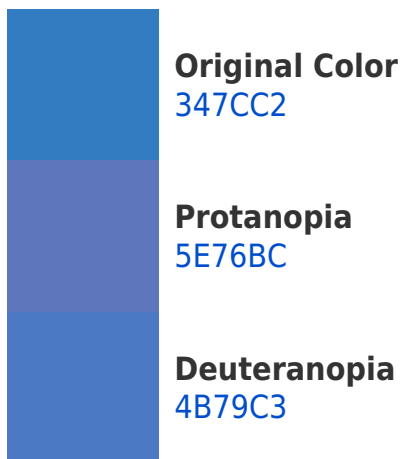


This preview shows how white text looks on a background with the Hex color 347CC2.

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](#).

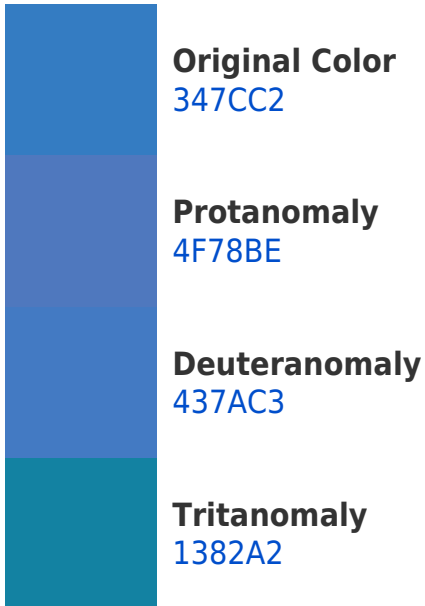
Dichromacy



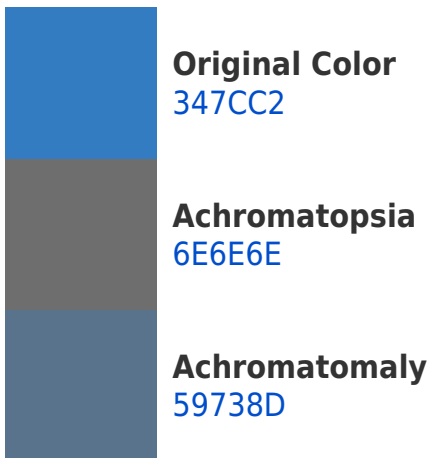


Tritanopia
008590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 347CC2 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 #347CC2 looks like.

```
.text, #text, p{  
    color:#347CC2  
}
```

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 #347CC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347CC2
}
```

Border

The CSS property to change the border of an element to Hex 347CC2 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
#347CC2 }
```

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

```
.border{ border-color:#347CC2 }
```

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

Here you see how a box with a 4 pixel #347CC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347CC2; -webkit-box-shadow:4px 4px  
4px 4px #347CC2; box-shadow:4px 4px 4px  
4px #347CC2 }
```

Background

The CSS property to change the background color of an element to Hex 347CC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347CC2 }
```

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

```
.background{ background-color:#347CC2 }
```

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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