

Converting Colors

Hex(346CD8)

Have a look what the booklet for
Hex(346CD8) contains.

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Color

Hex(346CD8)

Conversions

Conversions Part 1

Format	Color
Hex	346CD8
RGB	52, 108, 216
RGB Percent	20%, 42%, 85%
CMY	0.7961, 0.5765, 0.1529
CMYK	0.76, 0.50, 0.00, 0.15
HSL	220°, 68%, 53%
HSV	220°, 76%, 85%
XYZ	19.1734, 16.4131, 67.1232
YIQ	103.5680, -68.0440, 21.7160

Conversions

Conversions Part 2

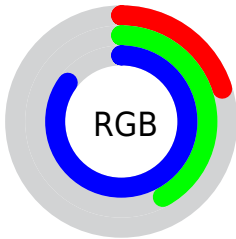
Format	Color
RYB	52, 94, 216
Decimal	3435736
CIELab	47.51, 19.48, -60.71
CIELCh	48, 63.762, 287.791
Yxy	16.4131, 0.1867, 0.1598
Android (android.graphics.Color)	4281625816 (0xFF346CD8)
YUV	103.5680, 55.4290, -45.2251
Hunter-Lab	40.5130, 13.5800, -69.8744

Details

The Hex color **346CD8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D8A034**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **799FFF**, and **003EA0** is the 20% darker color. If you saturate the color by 10%, you get **1E5ED8**, and if you desaturate by 10%, it is **4A7AD8**.

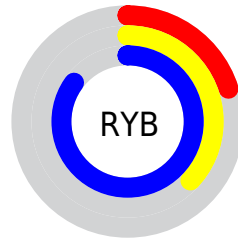
Distribution



Red (20%)

Green (42%)

Blue (85%)



Red (20%)

Yellow (37%)

Blue (85%)

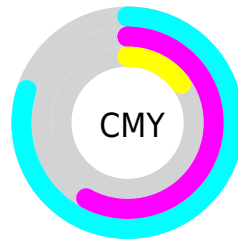


Cyan (76%)

Magenta (50%)

Yellow (0%)

Black (15%)



Cyan (80%)

Magenta (58%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346CD8 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 346CD8 by changing the saturation by 10% instead.

 346CD8

 346CD8

FFFFFF

 0054BC

 799FFF

 003EA0

 98BAFF

 002985

 B6D5FF

 00176B

 D4F1FF

 000452

 F3FFFF

 00063A

 000224

 00000B

 000000

■ 346CD8

■ 346CD8

■ 1E5ED8

■ 4A7AD8

■ 0950D8

■ 5F88D8

■ 004AD8

■ 7597D8

■ 8AA5D8

■ A0B3D8

■ B6C1D8

■ CBD0D8

■ E1DED8

■ F6ECD8

Harmonies

Analogous

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



007DDA



346CD8



9A52BA

Triad

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



346CD8



BE4E20



008758

Complementary

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



346CD8



D8A034

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.



1F821F



346CD8



9A6600

Square

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



346CD8



CE3653



6A7800



008990

Rectangle

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



346CD8



BB3F9A



6A7800



008645

Sweetspot

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



346CD8



C4D8FF



34D89F



5C6880



000000



808080

Same Dimension

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



346CD8



1766FF



4D34D8



60646B



003AAB



000F2B

Inverse Universe

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



D8346C



FF1766



BFD834



6B6064



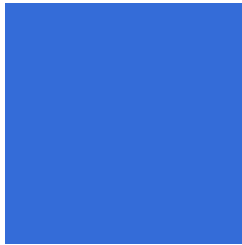
AB003A



2B000F

Previews

White Background



This preview shows how the Hex color 346CD8 looks on a white background.

Color Contrast Check

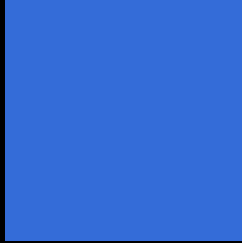
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 346CD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

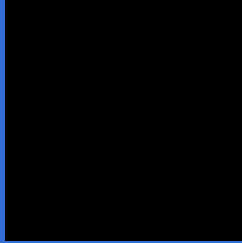
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

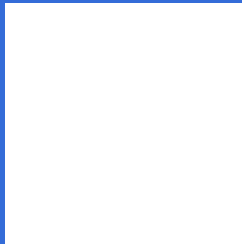
Any Text WCAG AAA × Fail

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

Hex 346CD8 Background



This preview shows how black text looks on a background with the Hex color 346CD8.

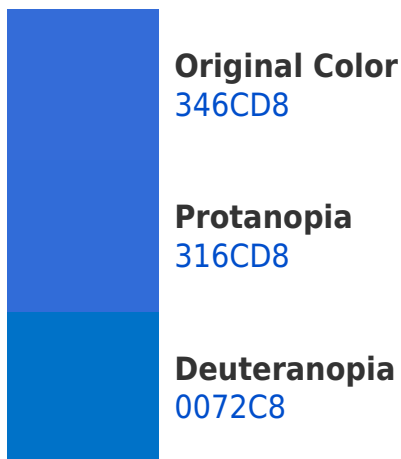


This preview shows how white text looks on a background with the Hex color 346CD8.

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](#).

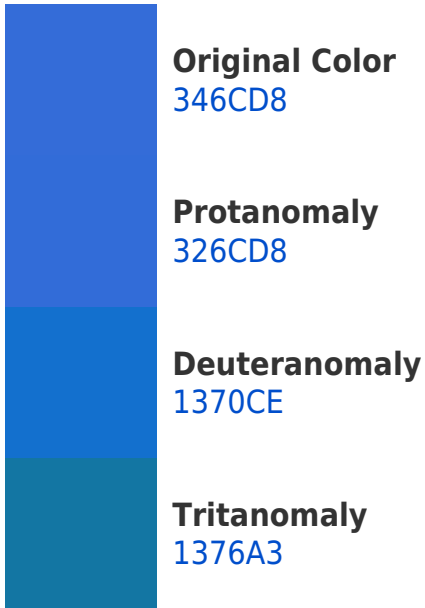
Dichromacy





Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 346CD8 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 #346CD8 looks like.

```
.text, #text, p{  
    color:#346CD8  
}
```

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 #346CD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346CD8
}
```

Border

The CSS property to change the border of an element to Hex 346CD8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

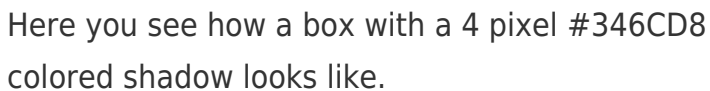
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#346CD8 }
```

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

```
.border{ border-color:#346CD8 }
```

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



Here you see how a box with a 4 pixel #346CD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346CD8; -webkit-box-shadow:4px 4px  
4px 4px #346CD8; box-shadow:4px 4px 4px  
4px #346CD8 }
```

Background

The CSS property to change the background color of an element to Hex 346CD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346CD8 }
```

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

```
.background{ background-color:#346CD8 }
```

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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