

Converting Colors

Hex(346DE2)

Have a look what the booklet for
Hex(346DE2) contains.

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Color

Hex(346DE2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 346DE2 |
| RGB | 52, 109, 226 |
| RGB Percent | 20%, 43%, 89% |
| CMY | 0.7961, 0.5725, 0.1137 |
| CMYK | 0.77, 0.52, 0.00, 0.11 |
| HSL | 220°, 75%, 55% |
| HSV | 220°, 77%, 89% |
| XYZ | 20.6123, 17.1583, 74.1770 |
| YIQ | 105.2950, -71.5290, 24.3030 |

Conversions

Conversions Part 2

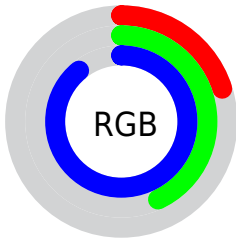
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 52, 95, 226 |
| Decimal | 3436002 |
| CIE Lab | 48.46, 22.56, -64.85 |
| CIE LCh | 48, 68.657, 289.183 |
| Yxy | 17.1583, 0.1841, 0.1533 |
| Android (android.graphics.Color) | 4281626082 (0xFF346DE2) |
| YUV | 105.2950, 59.5076, -46.7397 |
| Hunter-Lab | 41.4226, 16.3337, -77.1770 |

Details

The Hex color **346DE2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E2A934**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7BA0FF**, and **003FAA** is the 20% darker color. If you saturate the color by 10%, you get **1D5EE2**, and if you desaturate by 10%, it is **4B7CE2**.

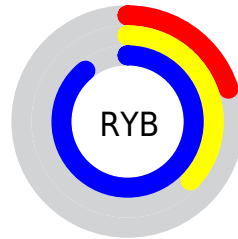
Distribution



Red (20%)

Green (43%)

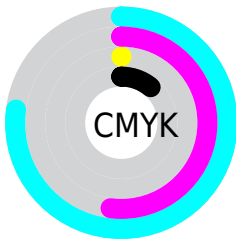
Blue (89%)



Red (20%)

Yellow (37%)

Blue (89%)

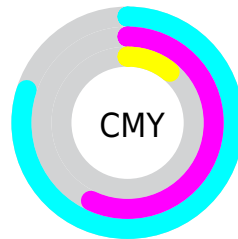


Cyan (77%)

Magenta (52%)

Yellow (0%)

Black (11%)



Cyan (80%)

Magenta (57%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346DE2 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 346DE2 by changing the saturation by 10% instead.

■ 346DE2

■ 346DE2

FFFFFF

■ 0055C6

■ 7BA0FF

■ 003FAA

■ 9ABBFF

■ 002A8F

■ B9D6FF

■ 001874

■ D8F3FF

■ 00015B

■ F6FFFF

■ 000742

■ 00032B

■ 000115

■ 000000

■ 346DE2

■ 346DE2

■ 1D5EE2

■ 4B7CE2

■ 074FE2

■ 618BE2

■ 004AE2

■ 789BE2

■ 8EAAE2

■ A5B9E2

■ BCC8E2

■ D2D7E2

■ E9E7E2

■ FFF6E2

Harmonies

Analogous

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



0080E6



346DE2



A24FC0

Triad

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



346DE2



C44E18



008B5B

Complementary

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



346DE2



E2A934

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.



02861C



346DE2



9D6900

Square

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



346DE2



D73051



687C00



008C98

Rectangle

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



346DE2



C4399E



687C00



008A47

Sweetspot

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



346DE2



C4D8FF



34E2A8



5C6780



000000



808080

Same Dimension

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



346DE2



1461FF



5134E2



656970



003AB0



001030

Inverse Universe

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



E2346D



FF1461



C5E234



706569



B0003A



300010

Previews

White Background



This preview shows how the Hex color 346DE2 looks on a white background.

Color Contrast Check

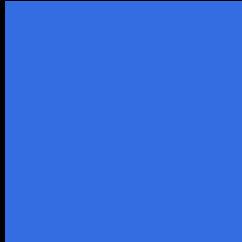
Large Text (above 18pt) WCAG AA ✓ Pass

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 346DE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

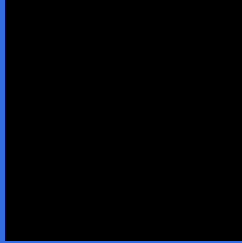
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

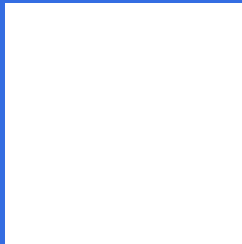
Any Text WCAG AAA × Fail

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

Hex 346DE2 Background



This preview shows how black text looks on a background with the Hex color 346DE2.



This preview shows how white text looks on a background with the Hex color 346DE2.

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](#).

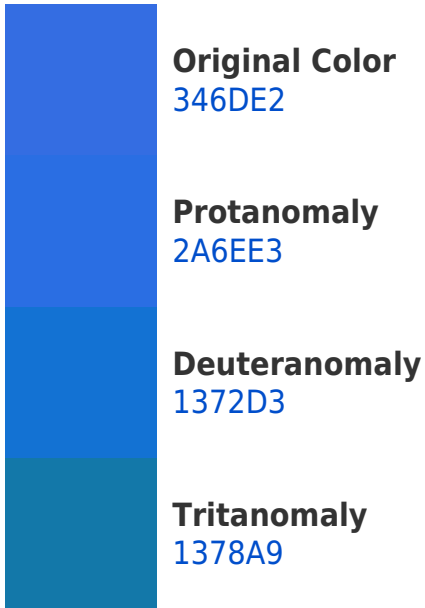
Dichromacy





Tritanopia
007F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 346DE2 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 #346DE2 looks like.

```
.text, #text, p{  
    color:#346DE2  
}
```

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 #346DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346DE2
}
```

Border

The CSS property to change the border of an element to Hex 346DE2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

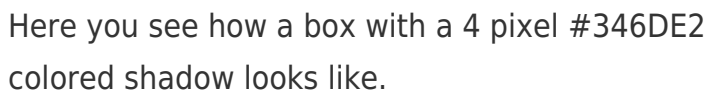
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#346DE2 }
```

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

```
.border{ border-color:#346DE2 }
```

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



Here you see how a box with a 4 pixel #346DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346DE2; -webkit-box-shadow:4px 4px  
4px 4px #346DE2; box-shadow:4px 4px 4px  
4px #346DE2 }
```

Background

The CSS property to change the background color of an element to Hex 346DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346DE2 }
```

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

```
.background{ background-color:#346DE2 }
```

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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