

Converting Colors

Hex(4358EE)

Have a look what the booklet for
Hex(4358EE) contains.

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Color

Hex(4358EE)

Conversions

Conversions Part 1

Format	Color
Hex	4358EE
RGB	67, 88, 238
RGB Percent	26%, 35%, 93%
CMY	0.7373, 0.6549, 0.0667
CMYK	0.72, 0.63, 0.00, 0.07
HSL	233°, 83%, 60%
HSV	233°, 72%, 93%
XYZ	21.2371, 14.3458, 82.5386
YIQ	98.8210, -60.6660, 42.1980

Conversions

Conversions Part 2

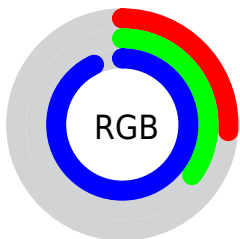
Format	Color
R _Y B	67, 86, 238
Decimal	4413678
CIE Lab	44.72, 41.66, -77.66
CIE LCh	45, 88.130, 298.210
Yxy	14.3458, 0.1798, 0.1214
Android (android.graphics.Color)	4282603758 (0xFF4358EE)
YUV	98.8210, 68.6152, -27.9070
Hunter-Lab	37.8758, 33.8027, -102.6911

Details

The Hex color **4358EE** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **EED943**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **888AFF**, and **002BB5** is the 20% darker color. If you saturate the color by 10%, you get **2B43EE**, and if you desaturate by 10%, it is **5B6DEE**.

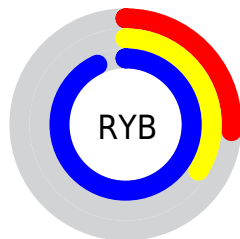
Distribution



Red (26%)

Green (35%)

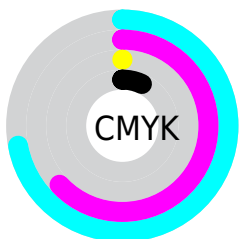
Blue (93%)



Red (26%)

Yellow (34%)

Blue (93%)

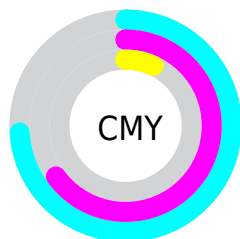


Cyan (72%)

Magenta (63%)

Yellow (0%)

Black (7%)



Cyan (74%)

Magenta (65%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4358EE 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 4358EE by changing the saturation by 10% instead.

 4358EE

 4358EE

FFFFFF

 0241D1

 888AFF

 002BB5

 A8A4FF

 001799

 C7C0FF

 00057E

 E6DBFF

 000264

 FFF8FF

 00094B

 000434

 00021D

 000000

■ 4358EE

■ 4358EE

■ 2B43EE

■ 5B6DEE

■ 132EEE

■ 7382EE

■ 001DEE

■ 8A97EE

■ A2ACEE

■ BAC0EE

■ D2D5EE

■ EAEAEE

■ FFFFEE

Harmonies

Analogous

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



0076FF



4358EE



B915B9

Triad

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



4358EE



BB4100



008663

Complementary

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



4358EE



EED943

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.



008206



4358EE



856600

Square

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



4358EE



DD002A



3A7900



0087AE

Rectangle

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



4358EE



D9008A



3A7900



008549

Sweetspot

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



4358EE



C7CEFF



43EED7



5E6280



000000



808080

Same Dimension

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



4358EE



243FFF



8243EE



6C6D78



0017B8



000738

Inverse Universe

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



EE4358



FF243F



AFEE43



786C6D



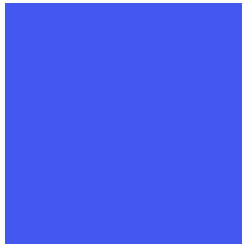
B80017



380007

Previews

White Background



This preview shows how the Hex color 4358EE looks on a white background.

Color Contrast Check

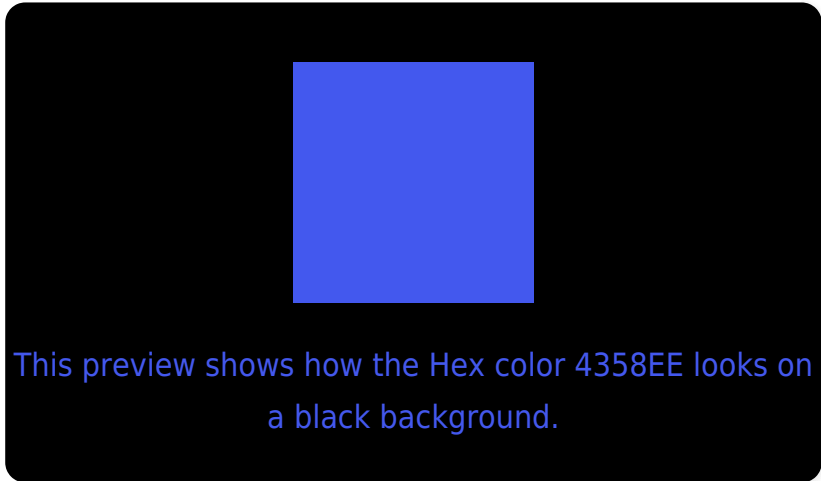
Large Text (above 18pt) WCAG AA ✓ Pass

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

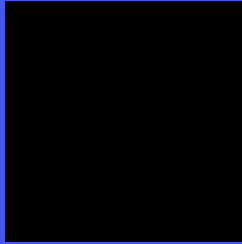
Any Text WCAG AA × Fail

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 4358EE Background



This preview shows how black text looks on a background with the Hex color 4358EE.

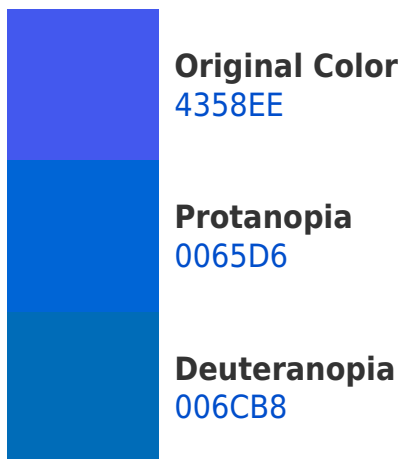


This preview shows how white text looks on a background with the Hex color 4358EE.

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](#).

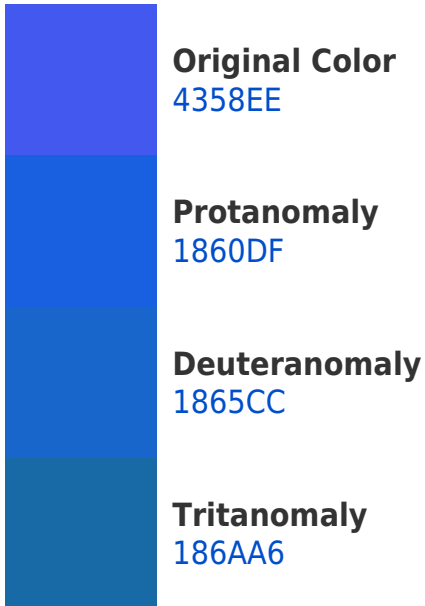
Dichromacy





Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4358EE 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 #4358EE looks like.

```
.text, #text, p{  
    color:#4358EE  
}
```

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 #4358EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4358EE
}
```

Border

The CSS property to change the border of an element to Hex 4358EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

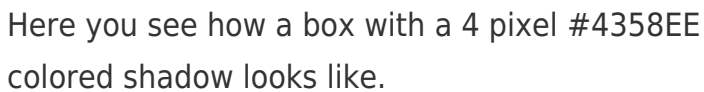
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4358EE }
```

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

```
.border{ border-color:#4358EE }
```

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



Here you see how a box with a 4 pixel #4358EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4358EE; -webkit-box-shadow:4px 4px  
4px 4px #4358EE; box-shadow:4px 4px 4px  
4px #4358EE }
```

Background

The CSS property to change the background color of an element to Hex 4358EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4358EE }
```

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

```
.background{ background-color:#4358EE }
```

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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