

# Converting Colors

Hex(354EE8)

Have a look what the booklet for  
Hex(354EE8) contains.

<b>Hex(354EE8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(354EE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	354EE8
RGB	53, 78, 232
RGB Percent	21%, 31%, 91%
CMY	0.7922, 0.6941, 0.0902
CMYK	0.77, 0.66, 0.00, 0.09
HSL	232°, 80%, 56%
HSV	232°, 77%, 91%
XYZ	18.7581, 12.0319, 77.6777
YIQ	88.0810, -64.3340, 42.5940

# Conversions

## Conversions Part 2

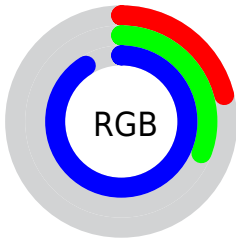
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 75, 232
Decimal	3493608
CIELab	41.27, 44.27, -79.97
CIElCh	41, 91.406, 298.967
Yxy	12.0319, 0.1729, 0.1109
Android (android.graphics.Color)	4281683688 (0xFF354EE8)
YUV	88.0810, 70.9521, -30.7660
Hunter-Lab	34.6870, 35.8273, -108.4926

# Details

The Hex color **354EE8** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E8CF35**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7F7FFF**, and **0022AF** is the 20% darker color. If you saturate the color by 10%, you get **1E3AE8**, and if you desaturate by 10%, it is **4C62E8**.

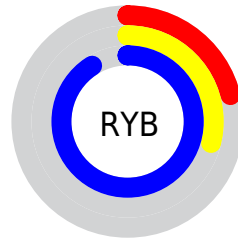
# Distribution



Red (21%)

Green (31%)

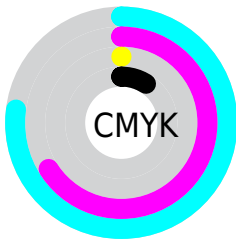
Blue (91%)



Red (21%)

Yellow (29%)

Blue (91%)

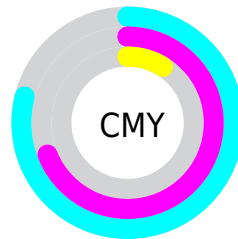


Cyan (77%)

Magenta (66%)

Yellow (0%)

Black (9%)



Cyan (79%)

Magenta (69%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 354EE8 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 354EE8 by changing the saturation by 10% instead.



■ 354EE8

■ 354EE8

FFFFFF

■ 0037CB

■ 7F7FFF

■ 0022AF

■ 9F99FF

■ 000F93

■ BEB4FF

■ 000079

■ DED0FF

■ 000A5F

■ FDECFE

■ 000846

■ 00042F

■ 000119

■ 000000

■ 354EE8

■ 354EE8

■ 1E3AE8

■ 4C62E8

■ 0726E8

■ 6376E8

■ 0020E8

■ 7B8AE8

■ 929EE8

■ A9B2E8

■ C0C6E8

■ D7DAE8

■ EFEEE8

■ FFFFE8

# Harmonies

## Analogous

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



006EFC



354EE8



B300B0

# Triad

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



354EE8



B13700



007C5D

# Complementary

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



354EE8



E8CF35

# 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.



007900



354EE8



7A5E00

# Square

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



354EE8



D5001F



277100



007EA9

# Rectangle

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



354EE8



D20080



277100



007C42



# Sweetspot

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



354EE8



C4CDFF



35E8CD



5C6180



000000



808080



# Same Dimension

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



354EE8



1233FF



7435E8



676973



0019B3



000733



# Inverse Universe

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



E8354E



FF1233



A9E835



736769



B30019



330007



# Previews

## White Background



This preview shows how the Hex color 354EE8 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

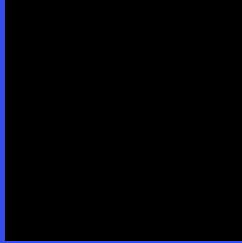
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 354EE8 Background



This preview shows how black text looks on a background with the Hex color 354EE8.

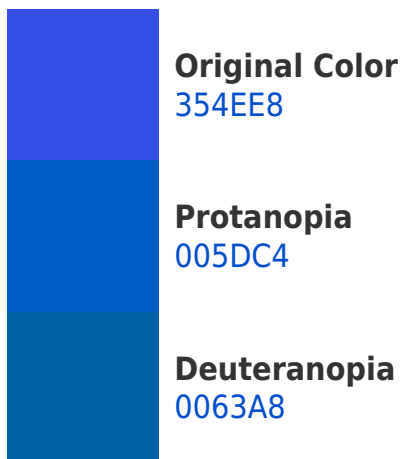


This preview shows how white text looks on a background with the Hex color 354EE8.

# 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](#).

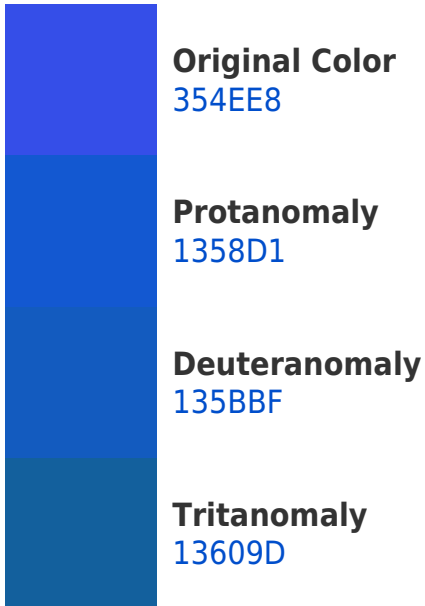
## Dichromacy





**Tritanopia**  
006B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 354EE8 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 #354EE8 looks like.

```
.text, #text, p{  
    color:#354EE8  
}
```

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 #354EE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354EE8
}
```

## Border

The CSS property to change the border of an element to Hex 354EE8 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
#354EE8 }
```

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

```
.border{ border-color:#354EE8 }
```

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

Here you see how a box with a 4 pixel #354EE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354EE8; -webkit-box-shadow:4px 4px  
4px 4px #354EE8; box-shadow:4px 4px 4px  
4px #354EE8 }
```

# Background

The CSS property to change the background color of an element to Hex 354EE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354EE8 }
```

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

```
.background{ background-color:#354EE8 }
```

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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