

Converting Colors

Hex(354FAE)

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

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Color

Hex(354FAE)

Conversions

Conversions Part 1

Format	Color
Hex	354FAE
RGB	53, 79, 174
RGB Percent	21%, 31%, 68%
CMY	0.7922, 0.6902, 0.3176
CMYK	0.70, 0.55, 0.00, 0.32
HSL	227°, 53%, 45%
HSV	227°, 70%, 68%
XYZ	11.9042, 9.4048, 41.2323
YIQ	82.0560, -45.9910, 24.0330

Conversions

Conversions Part 2

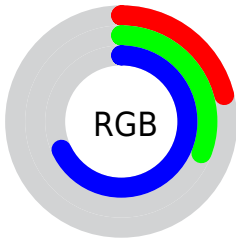
Format	Color
RYB	53, 74, 174
Decimal	3493806
CIELab	36.75, 22.78, -53.74
CIElCh	37, 58.373, 292.973
Yxy	9.4048, 0.1903, 0.1504
Android (android.graphics.Color)	4281683886 (0xFF354FAE)
YUV	82.0560, 45.3284, -25.4821
Hunter-Lab	30.6673, 15.6207, -58.2485




Details

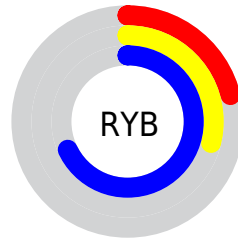
The Hex color **354FAE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AE9435**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **7280E6**, and **002479** is the 20% darker color. If you saturate the color by 10%, you get **2441AE**, and if you desaturate by 10%, it is **465DAE**.

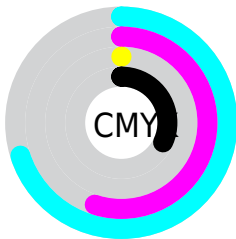
Distribution







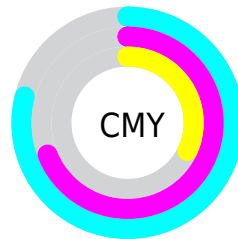
-  Red (21%)
-  Green (31%)
-  Blue (68%)






-  Red (21%)
-  Yellow (29%)
-  Blue (68%)



-  Cyan (70%)
-  Magenta (55%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (79%)
-  Magenta (69%)
-  Yellow (32%)

Brightness & Saturation Gradients

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

■ 354FAE

■ 354FAE

FFFFFF

■ 043893

■ 7280E6

■ 002479

■ 8F9AFF

■ 00115F

■ ACB4FF

■ 000147

■ C9D0FF

■ 00042F

■ E7ECFF

■ 00011A

■ 000000

■ 354FAE

■ 354FAE

■ 2441AE

■ 465DAE

■ 1234AE

■ 586AAE

■ 0126AE

■ 6978AE

■ 0025AE

■ 7B86AE

■ 8C93AE

■ 9DA1AE

■ AFAFAE

■ C0BCAE

■ D2CAAE

Harmonies

Analogous

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



0060B5



354FAE



833590

Triad

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



354FAE



943B03



006A4A

Complementary

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



354FAE



AE9435

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.



006617



354FAE



735100

Square

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



354FAE



A62035



475F00



006B7A

Rectangle

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



354FAE



9B2273



475F00



006939

Sweetspot

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



354FAE



B3BEE3



35AE94



565C73



F2F2F2



737373

Same Dimension

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



354FAE



274FE3



5735AE



4E5057



002096



000517

Inverse Universe

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



AE354F



E3274F



8CAE35



574E50



960020



170005

Previews

White Background



This preview shows how the Hex color 354FAE looks on a white background.

Color Contrast Check

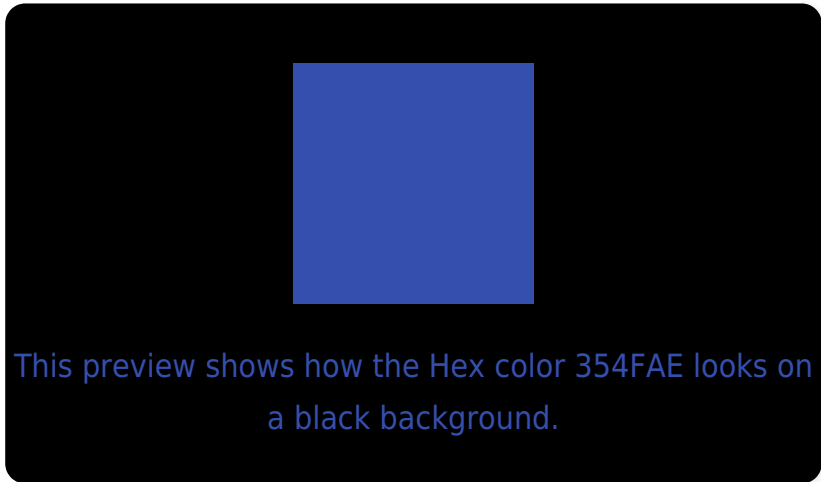
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 354FAE Background



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

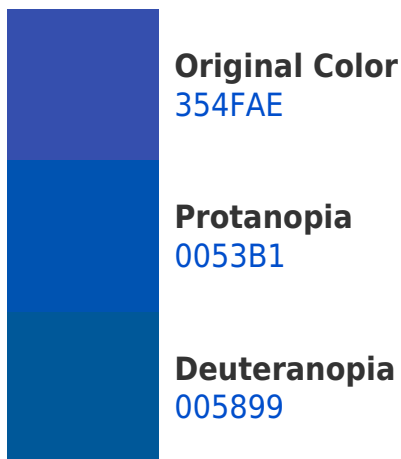


This preview shows how white text looks on a background with the Hex color 354FAE.

Color Blindness Simulation

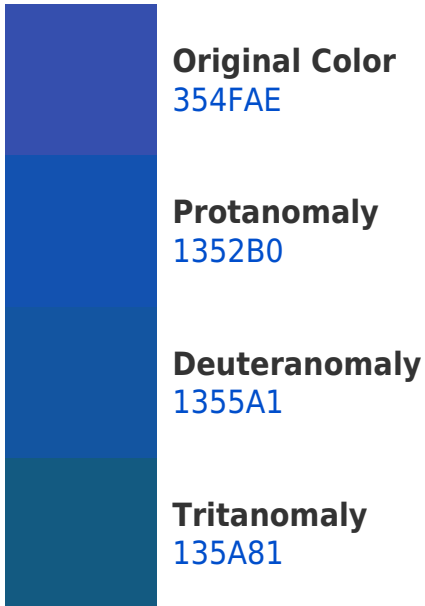
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

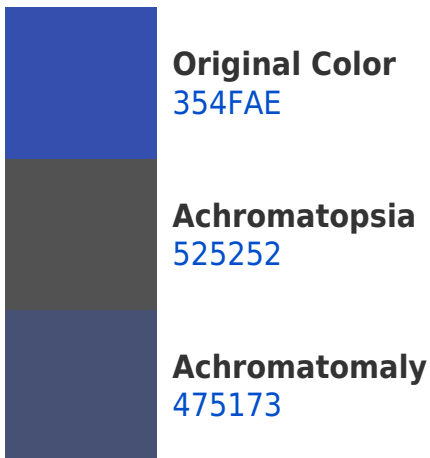




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #354FAE colored shadow looks like.

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

Border

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

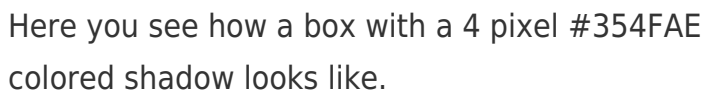
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#354FAE }
```

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

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

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



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

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

Background

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

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

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

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

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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