

Converting Colors

Hex(355FB5)

Have a look what the booklet for
Hex(355FB5) contains.

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Color

Hex(355FB5)

Conversions

Conversions Part 1

Format	Color
Hex	355FB5
RGB	53, 95, 181
RGB Percent	21%, 37%, 71%
CMY	0.7922, 0.6275, 0.2902
CMYK	0.71, 0.48, 0.00, 0.29
HSL	220°, 55%, 46%
HSV	220°, 71%, 71%
XYZ	13.9009, 12.2775, 45.3532
YIQ	92.2460, -52.6380, 17.8420

Conversions

Conversions Part 2

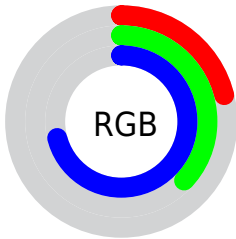
Format	Color
R_{YB}	53, 85, 181
Decimal	3497909
CIE _{Lab}	41.65, 14.93, -49.96
CIE _{LCh}	42, 52.143, 286.634
Yxy	12.2775, 0.1943, 0.1716
Android (android.graphics.Color)	4281687989 (0xFF355FB5)
YUV	92.2460, 43.7557, -34.4187
Hunter-Lab	35.0393, 9.4964, -52.2148

Details

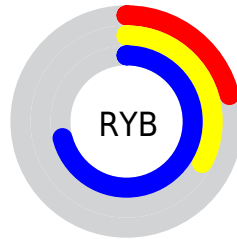
The Hex color **355FB5** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B58B35**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7391ED**, and **00327F** is the 20% darker color. If you saturate the color by 10%, you get **2353B5**, and if you desaturate by 10%, it is **476BB5**.

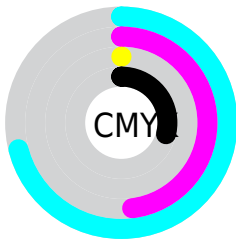
Distribution



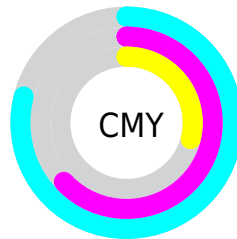
- Red (21%)
- Green (37%)
- Blue (71%)



- Red (21%)
- Yellow (33%)
- Blue (71%)



- Cyan (71%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)



- Cyan (79%)
- Magenta (63%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355FB5 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 355FB5 by changing the saturation by 10% instead.

■ 355FB5

■ 355FB5

FFFFFF

■ 02489A

■ 7391ED

■ 00327F

■ 90ABFF

■ 001E66

■ ADC7FF

■ 00044D

■ CAE2FF

■ 000535

■ E8FFFF

■ 00021F

■ 000003

■ 000000

■ 355FB5

■ 355FB5

■ 2353B5

■ 476BB5

■ 1147B5

■ 5977B5

■ 003BB5

■ 6B83B5

■ 7D90B5

■ 909CB5

■ A2A8B5

■ B4B4B5

■ C6C0B5

■ D8CCB5

Harmonies

Analogous

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



006DB6



355FB5



824B9E

Triad

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



355FB5



A24725



00754D

Complementary

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



355FB5



B58B35

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.



2B7022



355FB5



865900

Square

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



355FB5



AE374C



606800



00767A

Rectangle

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



355FB5



9D3E85



606800



00743E

Sweetspot

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



355FB5



B9C9EB



35B58A



586275



F5F5F5



757575

Same Dimension

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



355FB5



2365EB



4A35B5



505359



003299



00081A

Inverse Universe

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



B5355F



EB2365



A0B535



595053



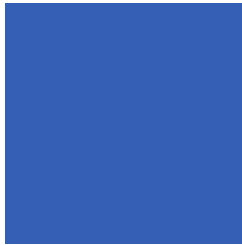
990032



1A0008

Previews

White Background



This preview shows how the Hex color 355FB5 looks on a white background.

Color Contrast Check

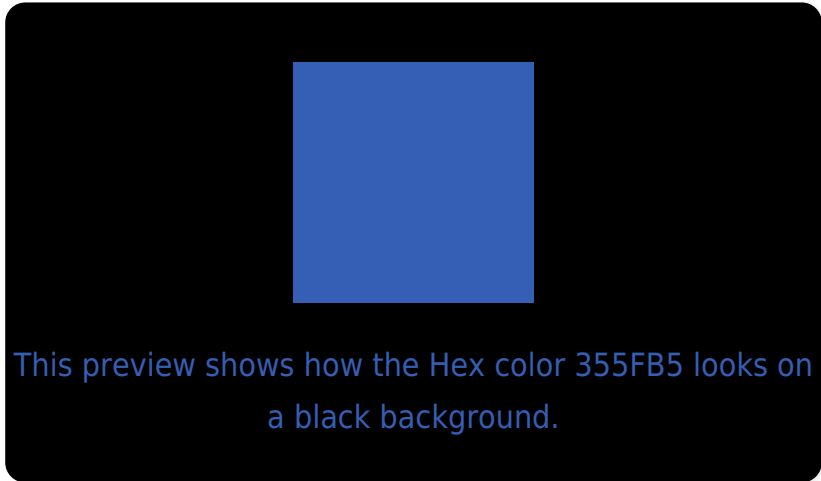
Large Text (above 18pt) WCAG AA ✓ Pass

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

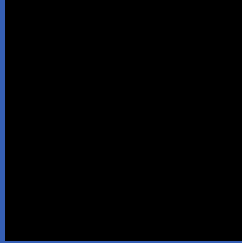
Any Text WCAG AA × Fail

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 355FB5 Background



This preview shows how black text looks on a background with the Hex color 355FB5.



This preview shows how white text looks on a background with the Hex color 355FB5.

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](#).

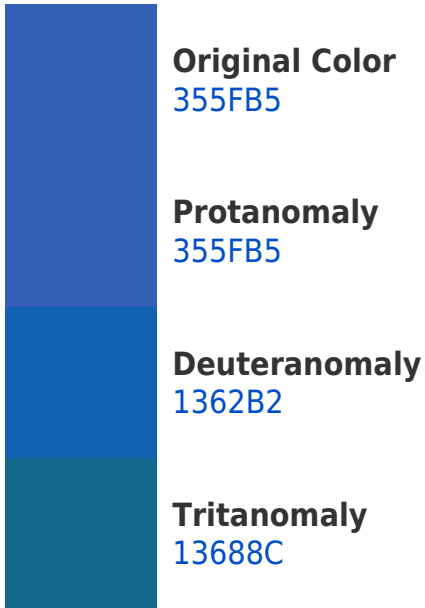
Dichromacy



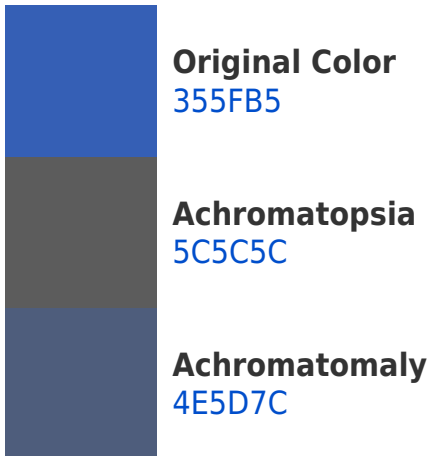


Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 355FB5 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 #355FB5 looks like.

```
.text, #text, p{  
    color:#355FB5  
}
```

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 #355FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355FB5  
}
```

Border

The CSS property to change the border of an element to Hex 355FB5 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  
#355FB5 }
```

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

```
.border{ border-color:#355FB5 }
```

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

Here you see how a box with a 4 pixel #355FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355FB5; -webkit-box-shadow:4px 4px  
4px 4px #355FB5; box-shadow:4px 4px 4px  
4px #355FB5 }
```

Background

The CSS property to change the background color of an element to Hex 355FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355FB5 }
```

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

```
.background{ background-color:#355FB5 }
```

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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