

Converting Colors

Hex(357FDA)

Have a look what the booklet for
Hex(357FDA) contains.

Hex(357FDA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(357FDA)

Conversions

Conversions Part 1

Format	Color
Hex	357FDA
RGB	53, 127, 218
RGB Percent	21%, 50%, 85%
CMY	0.7922, 0.5020, 0.1451
CMYK	0.76, 0.42, 0.00, 0.15
HSL	213°, 69%, 53%
HSV	213°, 76%, 85%
XYZ	21.7125, 20.9976, 69.2382
YIQ	115.2480, -73.3150, 12.6130

Conversions

Conversions Part 2

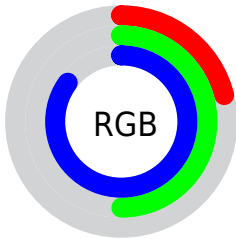
Format	Color
R _Y B	53, 104, 218
Decimal	3506138
CIE Lab	52.95, 8.47, -53.11
CIE LCh	53, 53.782, 279.058
Yxy	20.9976, 0.1940, 0.1876
Android (android.graphics.Color)	4281696218 (0xFF357FDA)
YUV	115.2480, 50.6567, -54.5915
Hunter-Lab	45.8231, 4.3885, -57.5104

Details

The Hex color **357FDA** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **DA9035**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **79B3FF**, and **004FA2** is the 20% darker color. If you saturate the color by 10%, you get **1F73DA**, and if you desaturate by 10%, it is **4B8BDA**.

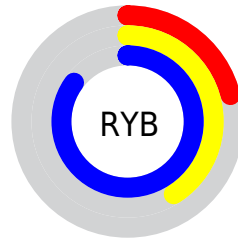
Distribution



Red (21%)

Green (50%)

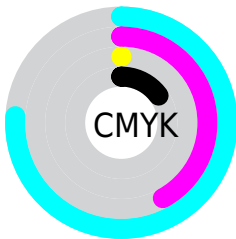
Blue (85%)



Red (21%)

Yellow (41%)

Blue (85%)

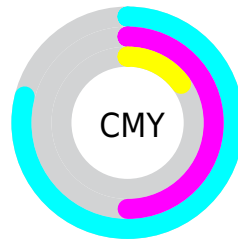


Cyan (76%)

Magenta (42%)

Yellow (0%)

Black (15%)



Cyan (79%)

Magenta (50%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357FDA 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 357FDA by changing the saturation by 10% instead.

■ 357FDA

■ 357FDA

FFFFFF

■ 0066BE

■ 79B3FF

■ 004FA2

■ 98CFFF

■ 003988

■ B6EBFF

■ 00246E

■ D5FFFF

■ 000F55

■ F3FFFF

■ 00063D

■ 000326

■ 00010F

■ 000000

■ 357FDA

■ 357FDA

■ 1F73DA

■ 4B8BDA

■ 0967DA

■ 6197DA

■ 0062DA

■ 76A3DA

■ 8CAFDA

■ A2BBDA

■ B8C7DA

■ CED3DA

■ E3DFDA

■ F9EBDA

Harmonies

Analogous

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



008CD5



357FDA



936CC7

Triad

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



357FDA



CB5D46



00925C

Complementary

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



357FDA



DA9035

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.



578C31



357FDA



B07023

Square

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



357FDA



D25272



898116



00958C

Rectangle

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



357FDA



B55FAF



898116



22914C

Sweetspot

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



357FDA



C4DFFF



35DA90



5C6C80



000000



808080

Same Dimension

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



357FDA



177FFF



3D35DA



63686E



004EAD



00152E

Inverse Universe

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



DA357F



FF177F



D2DA35



6E6368



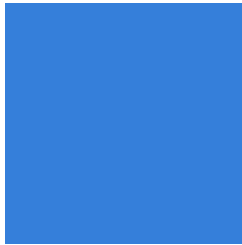
AD004E



2E0015

Previews

White Background



This preview shows how the Hex color 357FDA looks on a white background.

Color Contrast Check

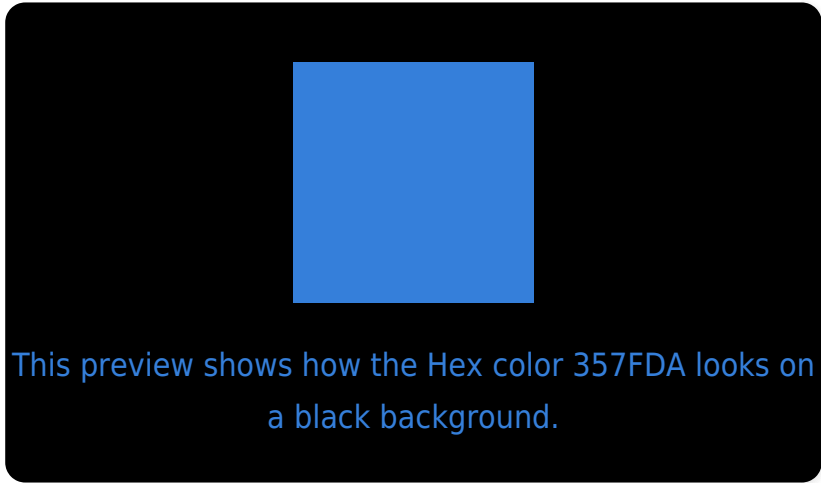
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

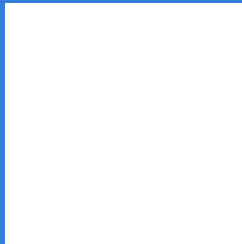
Any Text WCAG AAA × Fail

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

Hex 357FDA Background



This preview shows how black text looks on a background with the Hex color 357FDA.

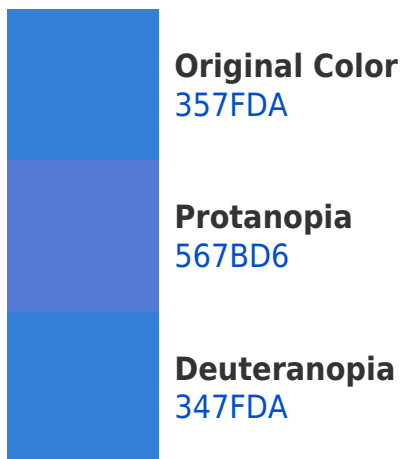


This preview shows how white text looks on a background with the Hex color 357FDA.

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](#).

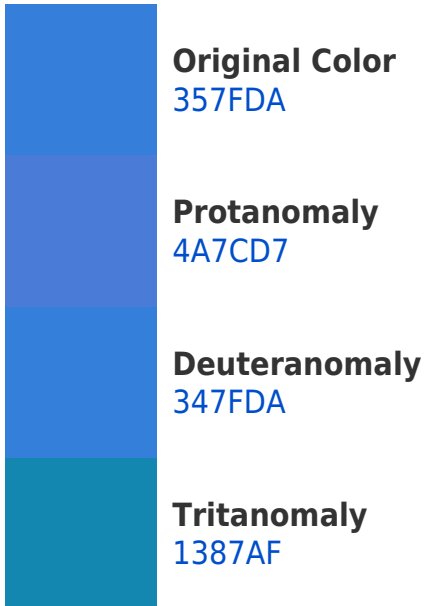
Dichromacy



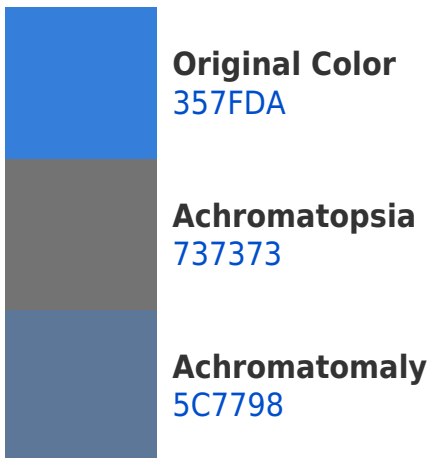


Tritanopia
008C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 357FDA 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 #357FDA looks like.

```
.text, #text, p{  
    color:#357FDA  
}
```

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 #357FDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357FDA
}
```

Border

The CSS property to change the border of an element to Hex 357FDA 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
#357FDA }
```

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

```
.border{ border-color:#357FDA }
```

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

Here you see how a box with a 4 pixel #357FDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357FDA; -webkit-box-shadow:4px 4px  
4px 4px #357FDA; box-shadow:4px 4px 4px  
4px #357FDA }
```

Background

The CSS property to change the background color of an element to Hex 357FDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357FDA }
```

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

```
.background{ background-color:#357FDA }
```

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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