

# Converting Colors

Hex(356CFE)

Have a look what the booklet for  
Hex(356CFE) contains.

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**Color**

**Hex(356CFE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	356CFE
RGB	53, 108, 254
RGB Percent	21%, 42%, 100%
CMY	0.7922, 0.5765, 0.0039
CMYK	0.79, 0.57, 0.00, 0.00
HSL	224°, 99%, 60%
HSV	224°, 79%, 100%
XYZ	24.7202, 18.6378, 96.0605
YIQ	108.1990, -79.6460, 33.7460

# Conversions

## Conversions Part 2

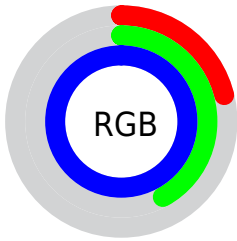
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">53, 96, 254</a>
Decimal	<a href="#">3501310</a>
<a href="#">CIELab</a>	<a href="#">50.26, 33.55, -77.58</a>
<a href="#">CIElCh</a>	<a href="#">50, 84.522, 293.389</a>
<a href="#">Yxy</a>	<a href="#">18.6378, 0.1773, 0.1337</a>
Android (android.graphics.Color)	<a href="#">4281691390 (0xFF356CFE)</a>
<a href="#">YUV</a>	<a href="#">108.1990, 71.8799, -48.4095</a>
<a href="#">Hunter-Lab</a>	<a href="#">43.1715, 26.6597, -101.7056</a>

# Details

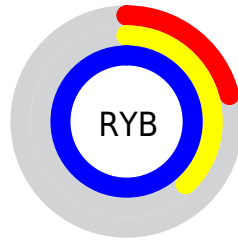
The Hex color **356CFE** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FEC735**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **829FFF**, and **003EC4** is the 20% darker color. If you saturate the color by 10%, you get **1C5AFE**, and if you desaturate by 10%, it is **4E7EFE**.

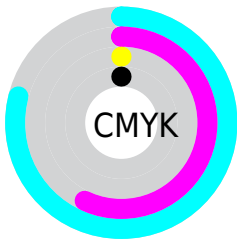
# Distribution



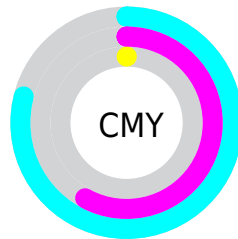
- Red (21%)
- Green (42%)
- Blue (100%)



- Red (21%)
- Yellow (38%)
- Blue (100%)



- Cyan (79%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (58%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 356CFE 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 356CFE by changing the saturation by 10% instead.



 356CFE

 356CFE

FFFFFF

 0054E1

 829FFF

 003EC4

 A3BAFF

 0029A8

 C2D5FF

 00188D

 E2F1FF

 000073

 000D59

 000740

 000329

 000113

■ 356CFE

■ 356CFE

■ 1C5AFE

■ 4E7EFE

■ 0247FE

■ 6891FE

■ 0046FE

■ 81A3FE

■ 9BB6FE

■ B4C8FE

■ CDD8FE

■ E7EDFE

FFFE

# Harmonies

## Analogous

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



0086FF



356CFE



BB3FCF

# Triad

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



356CFE



D24B00



009465

# Complementary

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



356CFE



FEC735

# 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.



008F0C



356CFE



9F6F00

# Square

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



356CFE



EE0044



5B8400



0095AF

# Rectangle

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



356CFE



E005A3



5B8400



00934B



# Sweetspot

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



356CFE



C2D3FF



35FEC5



5B6580



000000



808080



# Same Dimension

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



356CFE



0D4FFF



6135FE



737680



0034BF



001140



# Inverse Universe

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



FE356C



FF0D4F



D2FE35



807376



BF0034



400011



# Previews

## White Background



This preview shows how the Hex color 356CFE looks on a white background.

## Color Contrast Check

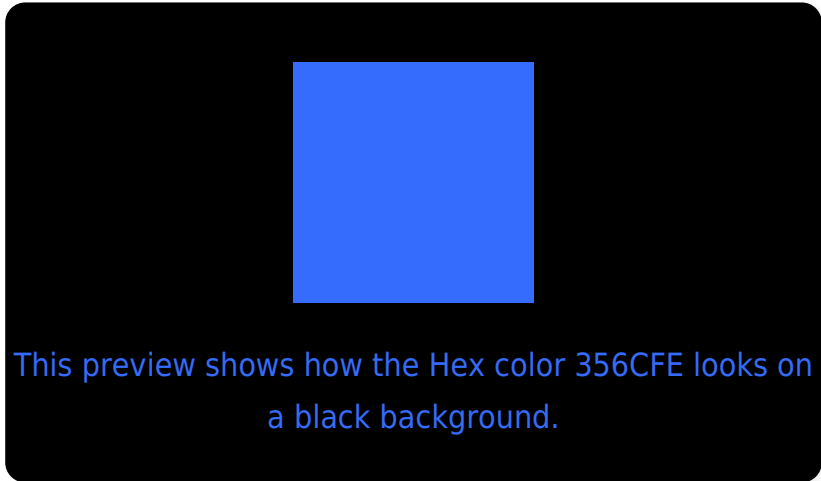
Large Text (above 18pt) WCAG AA ✓ Pass

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

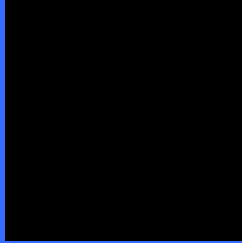
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

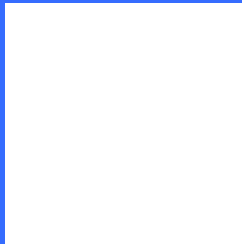
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 356CFE Background



This preview shows how black text looks on a background with the Hex color 356CFE.



This preview shows how white text looks on a background with the Hex color 356CFE.

# 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](#).

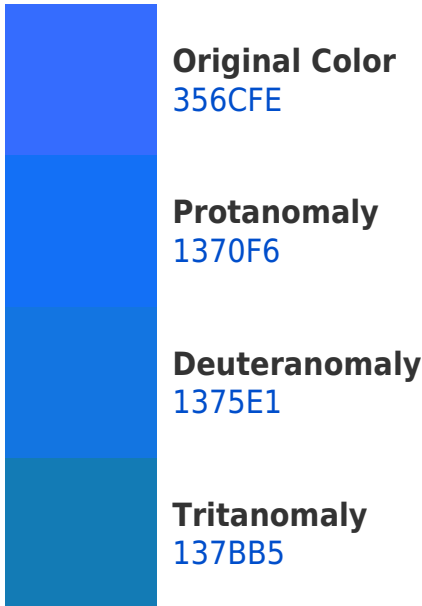
## Dichromacy



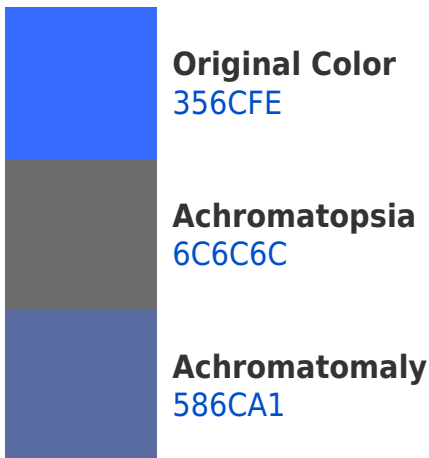


**Tritanopia**  
00848C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 356CFE 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 #356CFE looks like.

```
.text, #text, p{  
    color:#356CFE  
}
```

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 #356CFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356CFE
}
```

## Border

The CSS property to change the border of an element to Hex 356CFE 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
#356CFE }
```

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

```
.border{ border-color:#356CFE }
```

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

Here you see how a box with a 4 pixel #356CFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356CFE; -webkit-box-shadow:4px 4px  
4px 4px #356CFE; box-shadow:4px 4px 4px  
4px #356CFE }
```

# Background

The CSS property to change the background color of an element to Hex 356CFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356CFE }
```

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

```
.background{ background-color:#356CFE }
```

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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