

Converting Colors

Hex(4356F2)

Have a look what the booklet for
Hex(4356F2) contains.

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Color

Hex(4356F2)

Conversions

Conversions Part 1

Format	Color
Hex	4356F2
RGB	67, 86, 242
RGB Percent	26%, 34%, 95%
CMY	0.7373, 0.6627, 0.0510
CMYK	0.72, 0.64, 0.00, 0.05
HSL	233°, 87%, 61%
HSV	233°, 72%, 95%
XYZ	21.6695, 14.2597, 85.6147
YIQ	98.1030, -61.4000, 44.4880

Conversions

Conversions Part 2

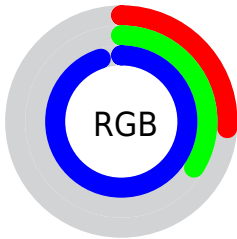
Format	Color
R _Y B	67, 84, 242
Decimal	4413170
CIE Lab	44.60, 44.23, -80.11
CIE LCh	45, 91.509, 298.904
Yxy	14.2597, 0.1783, 0.1173
Android (android.graphics.Color)	4282603250 (0xFF4356F2)
YUV	98.1030, 70.9412, -27.2773
Hunter-Lab	37.7620, 36.3479, -107.9900

Details

The Hex color **4356F2** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **F2DF43**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8988FF**, and **0029B9** is the 20% darker color. If you saturate the color by 10%, you get **2B40F2**, and if you desaturate by 10%, it is **5B6CF2**.

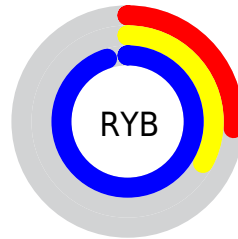
Distribution



Red (26%)

Green (34%)

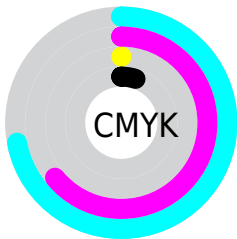
Blue (95%)



Red (26%)

Yellow (33%)

Blue (95%)

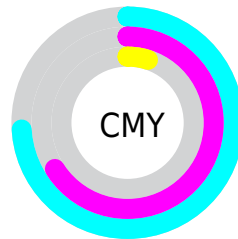


Cyan (72%)

Magenta (64%)

Yellow (0%)

Black (5%)



Cyan (74%)

Magenta (66%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4356F2 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 4356F2 by changing the saturation by 10% instead.

 4356F2

 4356F2

FFFFFF

 003FD5

 8988FF

 0029B9

 A9A2FF

 00159D

 C8BDFF


 000382

 E8D9FF

 000168

 FFF6FF

 000A4E

 000537

 000220

 000004

 4356F2

 4356F2

 2B40F2

 5B6CF2

 132BF2

 7381F2

 001AF2

 8C97F2

 A4ACF2

 BCC2F2

 D4D7F2

 ECEDF2

 FFFFF2

Harmonies

Analogous

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



0076FF



4356F2



BD00BA

Triad

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



4356F2



BC4000



008665

Complementary

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



4356F2



F2DF43

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.



008202



4356F2



846600

Square

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



4356F2



E00026



337900



0087B2

Rectangle

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



4356F2



DD0089



337900



008549

Sweetspot

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



4356F2



C7CDFF



43F2DE



5E6280



000000



808080

Same Dimension

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



4356F2



2139FF



8643F2



6C6D78



0014B8



000638

Inverse Universe

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



F24356



FF2139



AFF243



786C6D



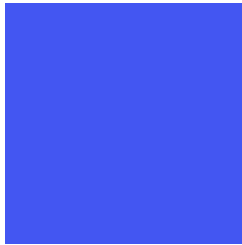
B80014



380006

Previews

White Background



This preview shows how the Hex color 4356F2 looks on a white background.

Color Contrast Check

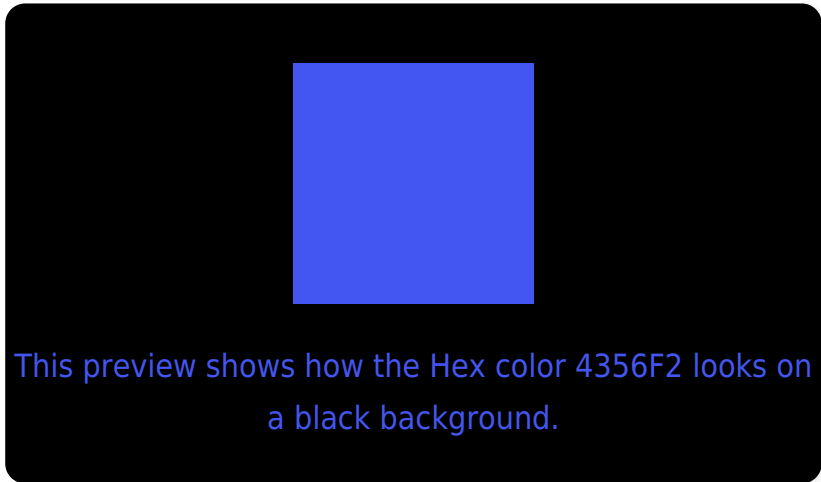
Large Text (above 18pt) WCAG AA ✓ Pass

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

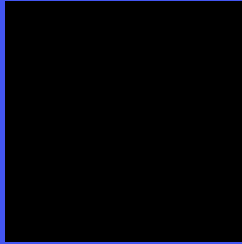
Any Text WCAG AA × Fail

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 4356F2 Background



This preview shows how black text looks on a background with the Hex color 4356F2.

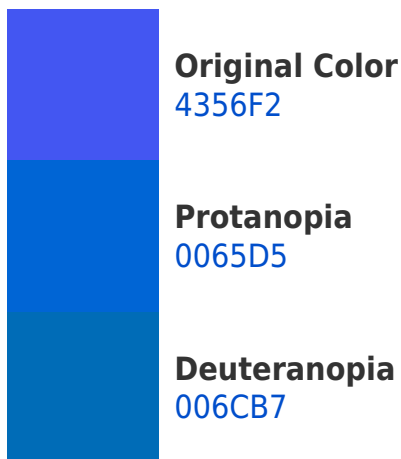


This preview shows how white text looks on a background with the Hex color 4356F2.

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](#).

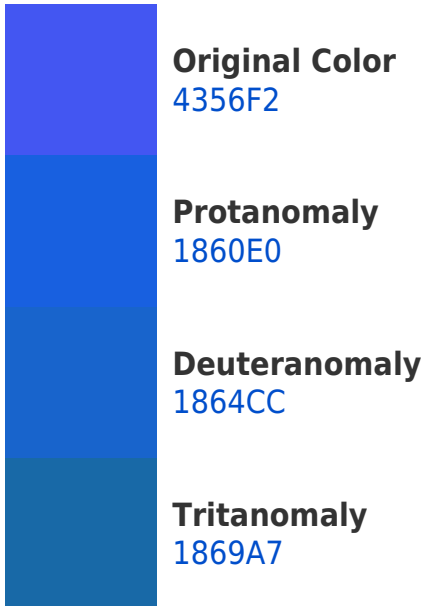
Dichromacy





Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4356F2 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 #4356F2 looks like.

```
.text, #text, p{  
    color:#4356F2  
}
```

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 #4356F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4356F2
}
```

Border

The CSS property to change the border of an element to Hex 4356F2 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
#4356F2 }
```

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

```
.border{ border-color:#4356F2 }
```

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

Here you see how a box with a 4 pixel #4356F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4356F2; -webkit-box-shadow:4px 4px  
4px 4px #4356F2; box-shadow:4px 4px 4px  
4px #4356F2 }
```

Background

The CSS property to change the background color of an element to Hex 4356F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4356F2 }
```

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

```
.background{ background-color:#4356F2 }
```

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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