

Converting Colors

Hex(5365F6)

Have a look what the booklet for
Hex(5365F6) contains.

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Color

Hex(5365F6)

Conversions

Conversions Part 1

Format	Color
Hex	5365F6
RGB	83, 101, 246
RGB Percent	33%, 40%, 96%
CMY	0.6745, 0.6039, 0.0353
CMYK	0.66, 0.59, 0.00, 0.04
HSL	233°, 90%, 65%
HSV	233°, 66%, 96%
XYZ	24.8555, 17.8002, 89.3145
YIQ	112.1480, -57.2730, 41.2790

Conversions

Conversions Part 2

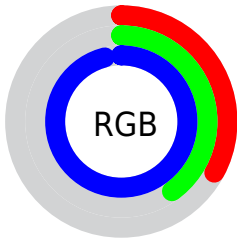
Format	Color
R _Y B	83, 99, 246
Decimal	5465590
CIE Lab	49.25, 38.48, -74.71
CIE LCh	49, 84.041, 297.249
Yxy	17.8002, 0.1883, 0.1349
Android (android.graphics.Color)	4283655670 (0xFF5365F6)
YUV	112.1480, 65.9890, -25.5628
Hunter-Lab	42.1903, 31.3266, -95.9806

Details

The Hex color **5365F6** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **F6E453**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9598FF**, and **0037BC** is the 20% darker color. If you saturate the color by 10%, you get **3A4FF6**, and if you desaturate by 10%, it is **6C7BF6**.

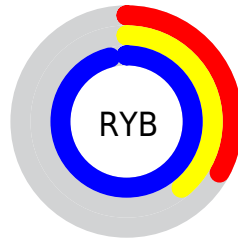
Distribution



Red (33%)

Green (40%)

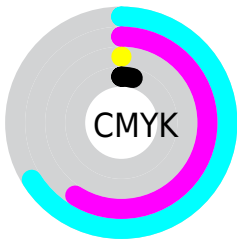
Blue (96%)



Red (33%)

Yellow (39%)

Blue (96%)

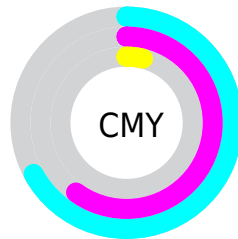


Cyan (66%)

Magenta (59%)

Yellow (0%)

Black (4%)



Cyan (67%)

Magenta (60%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5365F6 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 5365F6 by changing the saturation by 10% instead.

■ 5365F6

■ 5365F6

FFFFFF

■ 294DD9

■ 9598FF

■ 0037BC

■ B4B3FF

■ 0022A1

■ D3CEFF

■ 001086

■ F2EAFF

■ 00006C

■ 000B52

■ 00053A

■ 000224

■ 00000B

■ 5365F6

■ 5365F6

■ 3A4FF6

■ 6C7BF6

■ 2239F6

■ 8491F6

■ 0923F6

■ 9DA7F6

■ 001BF6

■ B5BDF6

■ CED2F6

■ E7E8F6

■ FFFE6

■ FFFF6

Harmonies

Analogous

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



0081FF



5365F6



C135C4

Triad

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



5365F6



C94F00



00916C

Complementary

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



5365F6



F6E453

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.



008D1B



5365F6



947000

Square

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



5365F6



E80D39



4E8300



0092B5

Rectangle

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



5365F6



E10097



4E8300



009053

Sweetspot

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



5365F6



CCD2FF



53F6E3



616480



000000



808080

Same Dimension

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



5365F6



334AFF



9153F6



6E707A



0015BA



00063B

Inverse Universe

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



F65365



FF334A



B8F653



7A6E70



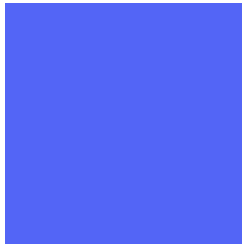
BA0015



3B0006

Previews

White Background



This preview shows how the Hex color 5365F6 looks on a white background.

Color Contrast Check

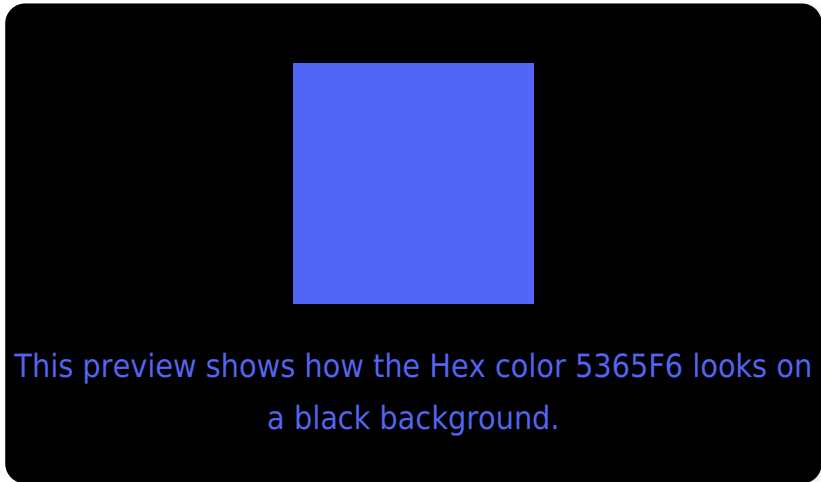
Large Text (above 18pt) WCAG AA ✓ Pass

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

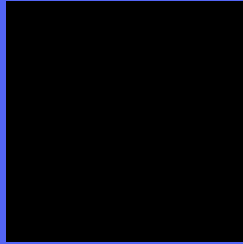
Any Text WCAG AA ✓ Pass

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 5365F6 Background



This preview shows how black text looks on a background with the Hex color 5365F6.



This preview shows how white text looks on a background with the Hex color 5365F6.

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](#).

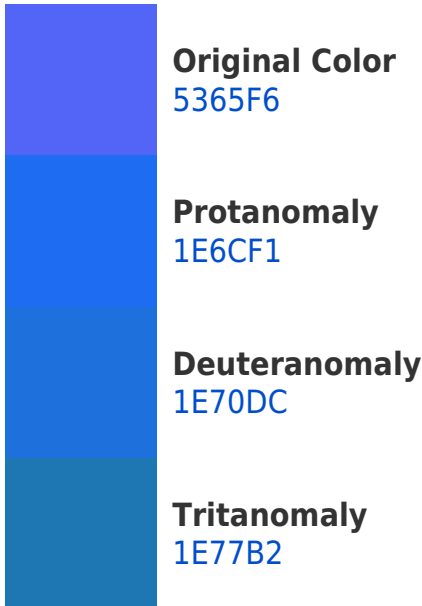
Dichromacy



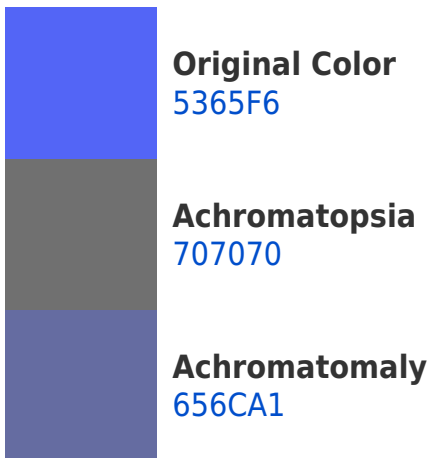


Tritanopia
00818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5365F6 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 #5365F6 looks like.

```
.text, #text, p{  
    color:#5365F6  
}
```

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 #5365F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5365F6
}
```

Border

The CSS property to change the border of an element to Hex 5365F6 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
#5365F6 }
```

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

```
.border{ border-color:#5365F6 }
```

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

Here you see how a box with a 4 pixel #5365F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5365F6; -webkit-box-shadow:4px 4px  
4px 4px #5365F6; box-shadow:4px 4px 4px  
4px #5365F6 }
```

Background

The CSS property to change the background color of an element to Hex 5365F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5365F6 }
```

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

```
.background{ background-color:#5365F6 }
```

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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