

Converting Colors

Hex(5661FF)

Have a look what the booklet for
Hex(5661FF) contains.

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Color

Hex(5661FF)

Conversions

Conversions Part 1

Format	Color
Hex	5661FF
RGB	86, 97, 255
RGB Percent	34%, 38%, 100%
CMY	0.6627, 0.6196, 0.0000
CMYK	0.66, 0.62, 0.00, 0.00
HSL	236°, 100%, 67%
HSV	236°, 66%, 100%
XYZ	26.1624, 17.7478, 96.6545
YIQ	111.7230, -57.2740, 46.8060

Conversions

Conversions Part 2

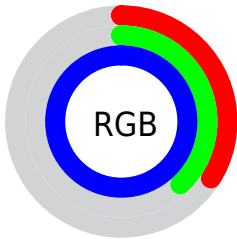
Format	Color
R _Y B	86, 96, 255
Decimal	5661183
CIE Lab	49.19, 44.26, -79.82
CIE LCh	49, 91.271, 299.010
Yxy	17.7478, 0.1861, 0.1263
Android (android.graphics.Color)	4283851263 (0xFF5661FF)
YUV	111.7230, 70.6356, -22.5591
Hunter-Lab	42.1282, 37.1278, -106.5391

Details

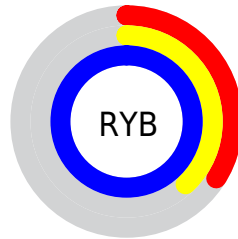
The Hex color **5661FF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **FFF456**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9994FF**, and **0032C5** is the 20% darker color. If you saturate the color by 10%, you get **3D49FF**, and if you desaturate by 10%, it is **7079FF**.

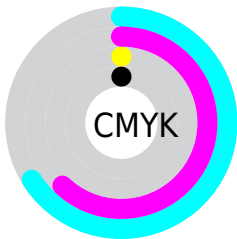
Distribution



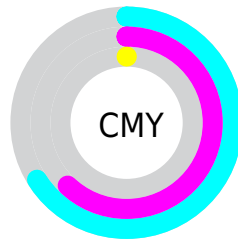
- Red (34%)
- Green (38%)
- Blue (100%)



- Red (34%)
- Yellow (38%)
- Blue (100%)



- Cyan (66%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5661FF 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 5661FF by changing the saturation by 10% instead.

 5661FF

 5661FF

FFFFFF

 2B49E2

 9994FF

 0032C5

 B8AFFF

 001DA9

 D7CAFF

 000B8E

 F7E6FF

 000073

 000D59

 000741

 00032A

 000114

■ 5661FF

■ 5661FF

■ 3D49FF

■ 7079FF

■ 2331FF

■ 8991FF

■ 0A19FF

■ A3A9FF

■ 0011FF

■ BCC0FF

■ D6D8FF

■ EFF0FF

FFFFFF

Harmonies

Analogous

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



0081FF



5661FF



CB20C6

Triad

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



5661FF



CB4C00



009370

Complementary

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



5661FF



FFF456

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.



008F15



5661FF



917200

Square

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



5661FF



EF0030



418500



0094BF

Rectangle

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



5661FF



EB0095



418500



009255

Sweetspot

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



5661FF



CCCFFF



56FFF4



616380



000000



808080

Same Dimension

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



5661FF



3340FF



9F56FF



737480



000CBF



000440

Inverse Universe

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



FF5661



FF3340



B6FF56



807374



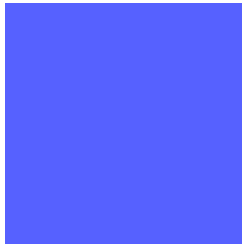
BF000C



400004

Previews

White Background



This preview shows how the Hex color 5661FF looks on a white background.

Color Contrast Check

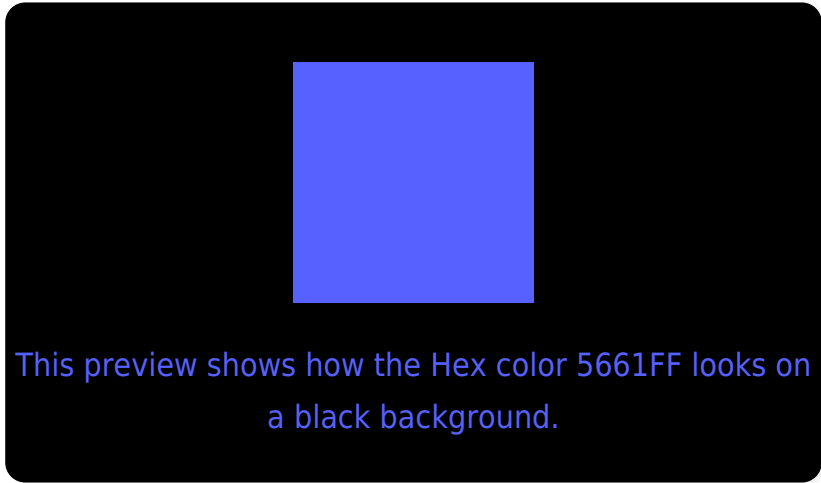
Large Text (above 18pt) WCAG AA ✓ Pass

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

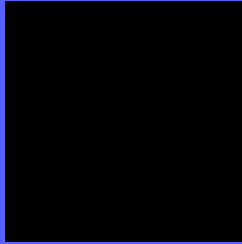
Any Text WCAG AA ✓ Pass

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 5661FF Background



This preview shows how black text looks on a background with the Hex color 5661FF.

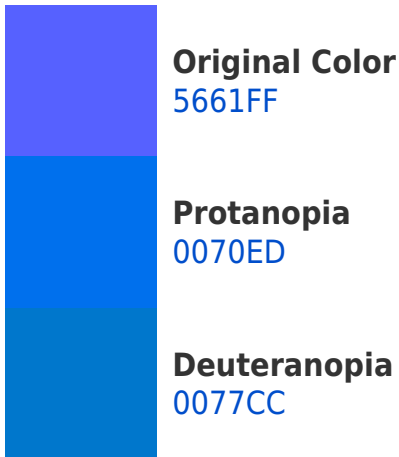


This preview shows how white text looks on a background with the Hex color 5661FF.

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](#).

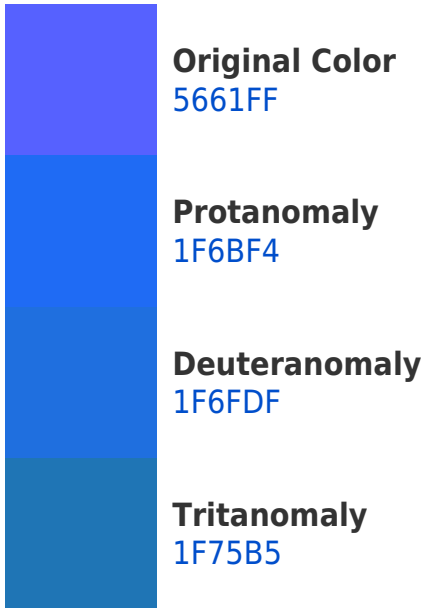
Dichromacy





Tritanopia
00818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5661FF 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 #5661FF looks like.

```
.text, #text, p{  
    color:#5661FF  
}
```

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 #5661FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5661FF
}
```

Border

The CSS property to change the border of an element to Hex 5661FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

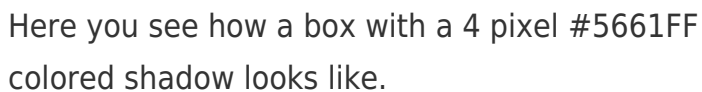
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5661FF }
```

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

```
.border{ border-color:#5661FF }
```

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



Here you see how a box with a 4 pixel #5661FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5661FF; -webkit-box-shadow:4px 4px  
4px 4px #5661FF; box-shadow:4px 4px 4px  
4px #5661FF }
```

Background

The CSS property to change the background color of an element to Hex 5661FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5661FF }
```

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

```
.background{ background-color:#5661FF }
```

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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