

Converting Colors

Hex(5463FF)

Have a look what the booklet for
Hex(5463FF) contains.

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Color

Hex(5463FF)

Conversions

Conversions Part 1

Format	Color
Hex	5463FF
RGB	84, 99, 255
RGB Percent	33%, 39%, 100%
CMY	0.6706, 0.6118, 0.0000
CMYK	0.67, 0.61, 0.00, 0.00
HSL	235°, 100%, 66%
HSV	235°, 67%, 100%
XYZ	26.1680, 18.0285, 96.7084
YIQ	112.2990, -59.0160, 45.3360

Conversions

Conversions Part 2

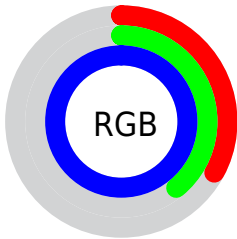
Format	Color
R _Y B	84, 98, 255
Decimal	5530623
CIE Lab	49.53, 42.81, -79.27
CIE LCh	50, 90.088, 298.374
Yxy	18.0285, 0.1857, 0.1279
Android (android.graphics.Color)	4283720703 (0xFF5463FF)
YUV	112.2990, 70.3516, -24.8182
Hunter-Lab	42.4600, 35.7042, -105.3191

Details

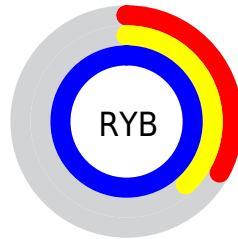
The Hex color **5463FF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **FFF054**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9796FF**, and **0034C5** is the 20% darker color. If you saturate the color by 10%, you get **3A4CFF**, and if you desaturate by 10%, it is **6D7AFF**.

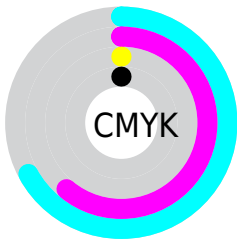
Distribution



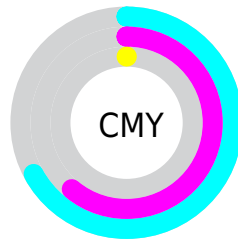
- Red (33%)
- Green (39%)
- Blue (100%)



- Red (33%)
- Yellow (38%)
- Blue (100%)



- Cyan (67%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5463FF 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 5463FF by changing the saturation by 10% instead.

 5463FF

 5463FF

FFFFFF

 284BE2

 9796FF

 0034C5

 B6B1FF

 0020A9

 D6CCFF

 000E8E

 F5E8FF

 000073

 000D59

 000741

 00032A

 000114

■ 5463FF

■ 5463FF

■ 3A4CFF

■ 6D7AFF

■ 2134FF

■ 8792FF

■ 081DFF

■ A1A9FF

■ 0016FF

■ BAC0FF

■ D3D7FF

■ EDEFFF

FFFFFF

Harmonies

Analogous

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



0082FF



5463FF



C927C8

Triad

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



5463FF



CC4D00



00936F

Complementary

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



5463FF



FFF054

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.



008F16



5463FF



937200

Square

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



5463FF



EF0033



458600



0094BD

Rectangle

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



5463FF



EA0097



458600



009254

Sweetspot

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



5463FF



CCD0FF



54FFEE



616480



000000



808080

Same Dimension

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



5463FF



3345FF



9854FF



737480



0011BF



000640

Inverse Universe

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



FF5463



FF3345



BBFF54



807374



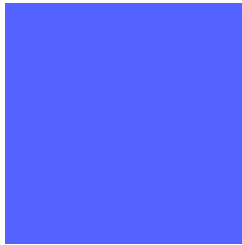
BF0011



400006

Previews

White Background



This preview shows how the Hex color 5463FF looks on a white background.

Color Contrast Check

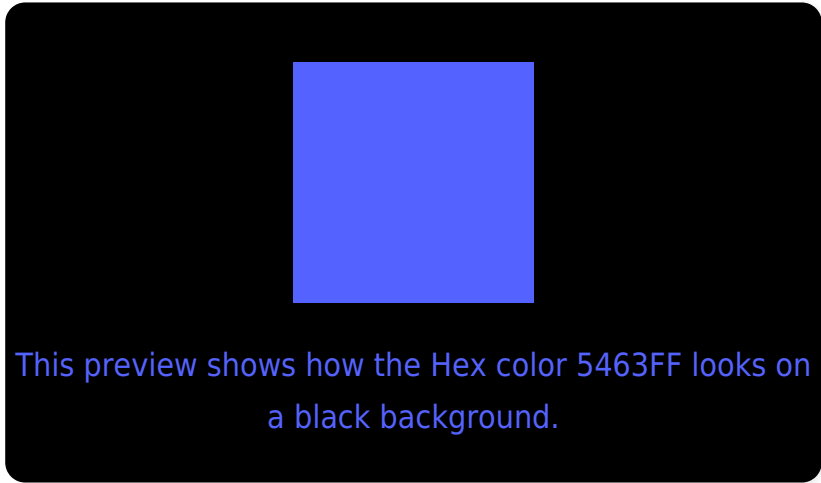
Large Text (above 18pt) WCAG AA ✓ Pass

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

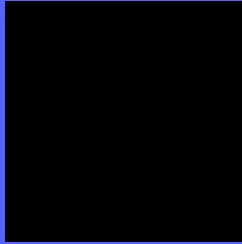
Any Text WCAG AA ✓ Pass

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 5463FF Background



This preview shows how black text looks on a background with the Hex color 5463FF.



This preview shows how white text looks on a background with the Hex color 5463FF.

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



Original Color
5463FF

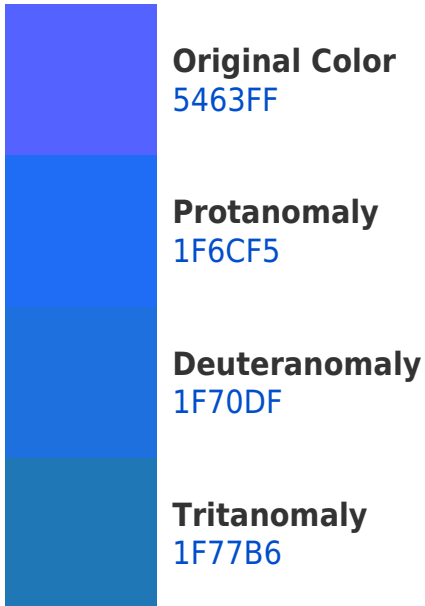
Protanopia
0071EF

Deuteranopia
0078CD



Tritanopia
00828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5463FF 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 #5463FF looks like.

```
.text, #text, p{  
    color:#5463FF  
}
```

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 #5463FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5463FF
}
```

Border

The CSS property to change the border of an element to Hex 5463FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

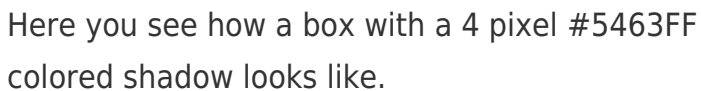
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5463FF }
```

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

```
.border{ border-color:#5463FF }
```

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The text inside the box is "Here you see how a box with a 4 pixel #5463FF colored shadow looks like." The box is positioned in the middle of the page.

Here you see how a box with a 4 pixel #5463FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5463FF; -webkit-box-shadow:4px 4px  
4px 4px #5463FF; box-shadow:4px 4px 4px  
4px #5463FF }
```

Background

The CSS property to change the background color of an element to Hex 5463FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5463FF }
```

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

```
.background{ background-color:#5463FF }
```

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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