

Converting Colors

Hex(5519FF)

Have a look what the booklet for
Hex(5519FF) contains.

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Color

Hex(5519FF)

Conversions

Conversions Part 1

Format	Color
Hex	5519FF
RGB	85, 25, 255
RGB Percent	33%, 10%, 100%
CMY	0.6667, 0.9020, 0.0000
CMYK	0.67, 0.90, 0.00, 0.00
HSL	256°, 100%, 55%
HSV	256°, 90%, 100%
XYZ	22.1439, 9.8466, 95.3412
YIQ	69.1600, -38.0700, 84.2500

Conversions

Conversions Part 2

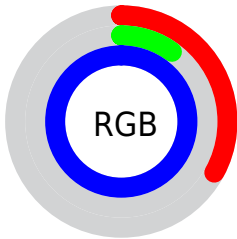
Format	Color
RYB	85, 25, 255
Decimal	5577215
CIELab	37.57, 76.78, -98.98
CIELCh	38, 125.270, 307.799
Yxy	9.8466, 0.1739, 0.0773
Android (android.graphics.Color)	4283767295 (0xFF5519FF)
YUV	69.1600, 91.6191, 13.8917
Hunter-Lab	31.3792, 71.0517, -158.1786

Details

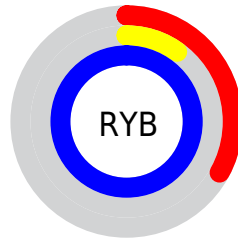
The Hex color **5519FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **C3FF19**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9C56FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **4300FF**, and if you desaturate by 10%, it is **6832FF**.

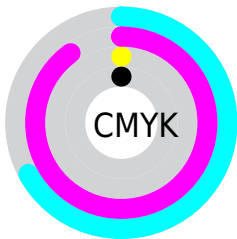
Distribution



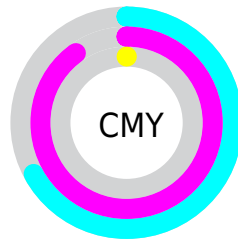
- Red (33%)
- Green (10%)
- Blue (100%)



- Red (33%)
- Yellow (10%)
- Blue (100%)



- Cyan (67%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (90%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5519FF 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 5519FF by changing the saturation by 10% instead.

■ 5519FF

■ 5519FF

FFFFFF

■ 2300E1

■ 9C56FF

■ 0000C4

■ BD72FF

■ 0000A8

■ DD8EFF

■ 00008D

■ FDAAFF

■ 000472

■ FFC6FF

■ 000C58

■ FFE3FF

■ 000740

■ 000329

■ 000113

■ 5519FF

■ 5519FF

■ 4300FF

■ 6832FF

■ 7B4CFF

■ 8E65FF

■ A07FFF

■ B398FF

■ C6B2FF

■ D9CBFF

■ ECE5FF

FFFEFF

Harmonies

Analogous

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



0065FF



5519FF



D900A8

Triad

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



5519FF



A62D00



007772

Complementary

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



5519FF



C3FF19

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.



007400



5519FF



555E00

Square

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



5519FF



DE0000



006F00



007AD7

Rectangle

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



5519FF



F30065



006F00



00764E

Sweetspot

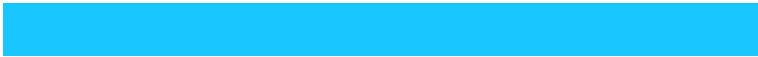
The Sweet Spot groups the original color and five complimentary colors.



5519FF



CCBAFF



19C6FF



615780



000000



808080

Same Dimension

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



5519FF



4300FF



C619FF



767380



3200BF



110040

Inverse Universe

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



FF19C3



FF00BC



52FF19



80737C



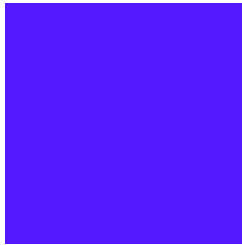
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 5519FF looks on a white background.

Color Contrast Check

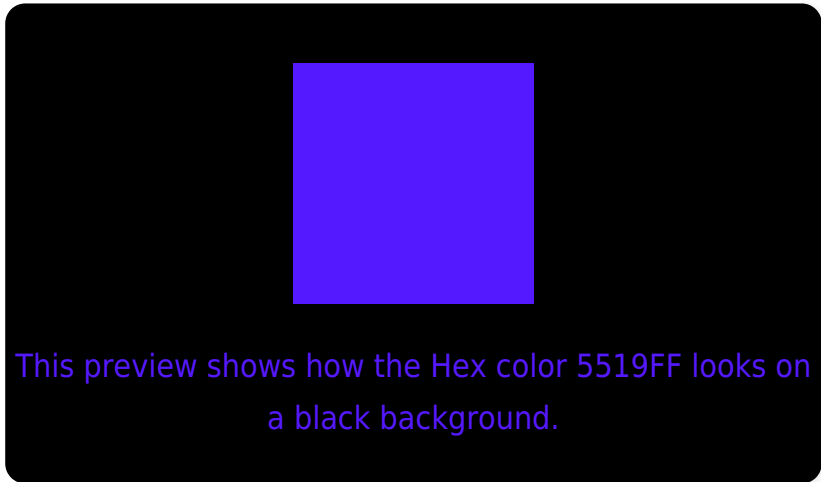
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 5519FF Background



This preview shows how black text looks on a background with the Hex color 5519FF.



This preview shows how white text looks on a background with the Hex color 5519FF.

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
5519FF

Protanopia
0055B2

Deuteranopia
005B98

Trichromacy



Original Color
5519FF



Protanomaly
1F3FCE



Deuteranomaly
1F43BD



Tritanomaly
1F479F

Monochromacy



Original Color
5519FF



Achromatopsia
454545



Achromatomaly
4B3589

CSS Examples

Text

The CSS property to change the color of the text to Hex 5519FF 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 #5519FF looks like.

```
.text, #text, p{  
    color:#5519FF  
}
```

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 #5519FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5519FF
}
```

Border

The CSS property to change the border of an element to Hex 5519FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

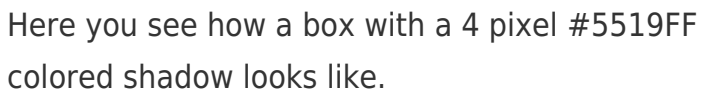
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5519FF }
```

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

```
.border{ border-color:#5519FF }
```

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



Here you see how a box with a 4 pixel #5519FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5519FF; -webkit-box-shadow:4px 4px  
4px 4px #5519FF; box-shadow:4px 4px 4px  
4px #5519FF }
```

Background

The CSS property to change the background color of an element to Hex 5519FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5519FF }
```

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

```
.background{ background-color:#5519FF }
```

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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