

# Converting Colors

Hex(5555FF)

Have a look what the booklet for  
Hex(5555FF) contains.

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**Color**

**Hex(5555FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5555FF
RGB	85, 85, 255
RGB Percent	33%, 33%, 100%
CMY	0.6667, 0.6667, 0.0000
CMYK	0.67, 0.67, 0.00, 0.00
HSL	240°, 100%, 67%
HSV	240°, 67%, 100%
XYZ	25.0448, 15.6483, 96.3082
YIQ	104.3800, -54.5700, 52.8700

# Conversions

## Conversions Part 2

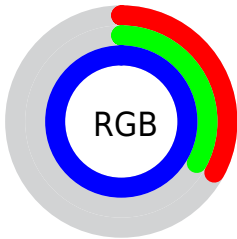
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 85, 255
Decimal	5592575
CIE <sub>Lab</sub>	46.51, 51.11, -84.21
CIE <sub>LCh</sub>	47, 98.507, 301.257
Yxy	15.6483, 0.1828, 0.1142
Android (android.graphics.Color)	4283782655 (0xFF5555FF)
YUV	104.3800, 74.2557, -16.9963
Hunter-Lab	39.5579, 43.7851, -116.6575

# Details

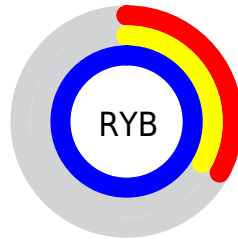
The Hex color **5555FF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **FFFF55**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9988FF**, and **0026C5** is the 20% darker color. If you saturate the color by 10%, you get **3B3BFF**, and if you desaturate by 10%, it is **6E6EFF**.

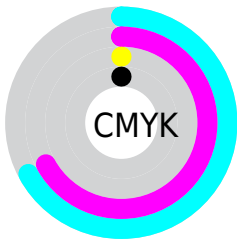
# Distribution



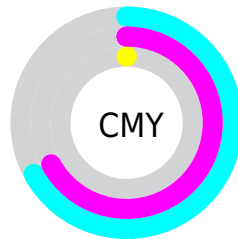
- Red (33%)
- Green (33%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 5555FF 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 5555FF by changing the saturation by 10% instead.



 5555FF

 5555FF

FFFFFF

 283DE2

 9988FF

 0026C5

 B8A2FF

 0010A9

 D8BEFF

 00008D

 F7DAFF

 000073

 FFF6FF

 000D59

 000741

 00032A

 000114


 5555FF

 5555FF

 3B3BFF

 6E6EFF

 2222FF

 8888FF

 0808FF

 A2A2FF

 0000FF

 BBBBFF

 D4D4FF

 EEEEEFF

FFFFFF

# Harmonies

## Analogous

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



007AFF



5555FF



CE00C0

# Triad

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



5555FF



C34500



008C70

# Complementary

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



5555FF



FFFF55

# 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.



008908



5555FF



846D00

# Square

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



5555FF



EC001E



228000



008EC3

# Rectangle

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



5555FF



ED008A



228000



008C52



# Sweetspot

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



5555FF



CCCCFF



55FFFF



616180



000000



808080



# Same Dimension

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



5555FF



3333FF



AA55FF



737380



0000BF



000040



# Inverse Universe

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



FF55FF



FF33FF



AAFF55



807380



BF00BF

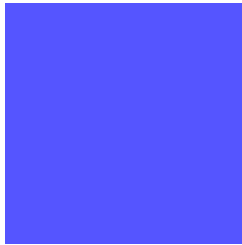


400040



# Previews

## White Background



This preview shows how the Hex color 5555FF looks on a white background.

## Color Contrast Check

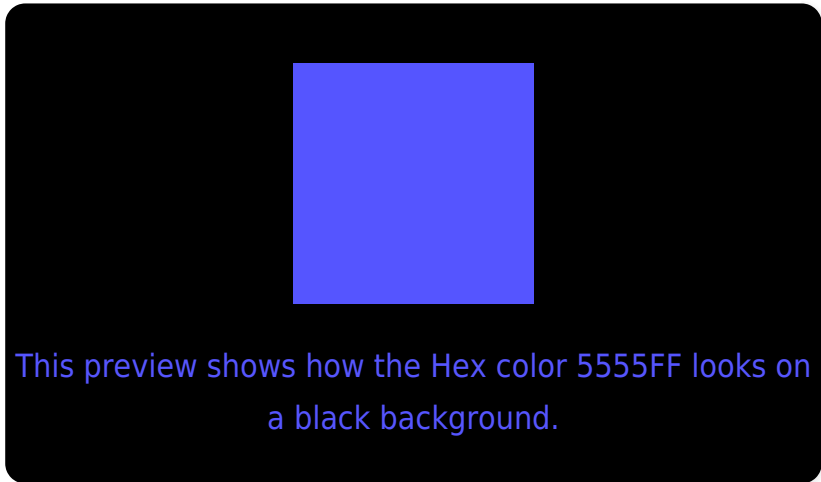
Large Text (above 18pt) WCAG AA ✓ Pass

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

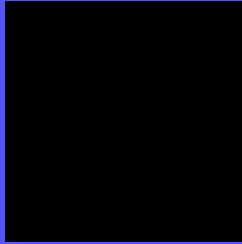
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5555FF Background



This preview shows how black text looks on a background with the Hex color 5555FF.



This preview shows how white text looks on a background with the Hex color 5555FF.

# 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**  
007982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5555FF 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 #5555FF looks like.

```
.text, #text, p{  
    color:#5555FF  
}
```

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 #5555FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5555FF
}
```

## Border

The CSS property to change the border of an element to Hex 5555FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

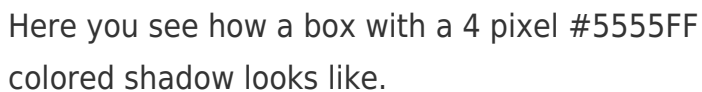
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5555FF }
```

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

```
.border{ border-color:#5555FF }
```

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



Here you see how a box with a 4 pixel #5555FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5555FF; -webkit-box-shadow:4px 4px  
4px 4px #5555FF; box-shadow:4px 4px 4px  
4px #5555FF }
```

# Background

The CSS property to change the background color of an element to Hex 5555FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5555FF }
```

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

```
.background{ background-color:#5555FF }
```

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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