

# Converting Colors

Hex(535EFF)

Have a look what the booklet for  
Hex(535EFF) contains.

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**Color**

**Hex(535EFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	535EFF
RGB	83, 94, 255
RGB Percent	33%, 37%, 100%
CMY	0.6745, 0.6314, 0.0000
CMYK	0.67, 0.63, 0.00, 0.00
HSL	236°, 100%, 66%
HSV	236°, 67%, 100%
XYZ	25.6200, 17.0644, 96.5512
YIQ	109.0650, -58.2370, 47.7390

# Conversions

## Conversions Part 2

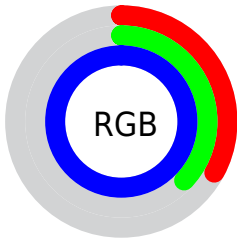
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 93, 255
Decimal	5463807
CIE Lab	48.34, 45.65, -81.21
CIE LCh	48, 93.165, 299.343
Yxy	17.0644, 0.1840, 0.1226
Android (android.graphics.Color)	4283653887 (0xFF535EFF)
YUV	109.0650, 71.9460, -22.8590
Hunter-Lab	41.3091, 38.4152, -109.6614

# Details

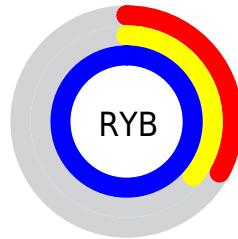
The Hex color **535EFF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **FFF453**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9791FF**, and **0030C5** is the 20% darker color. If you saturate the color by 10%, you get **3946FF**, and if you desaturate by 10%, it is **6C76FF**.

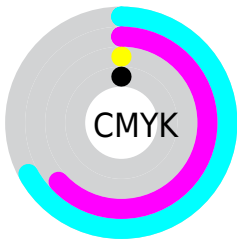
# Distribution



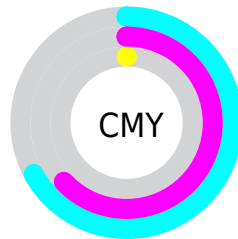
- Red (33%)
- Green (37%)
- Blue (100%)



- Red (33%)
- Yellow (36%)
- Blue (100%)



- Cyan (67%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (63%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 535EFF 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 535EFF by changing the saturation by 10% instead.



 535EFF

 535EFF

FFFFFF

 2646E2

 9791FF

 0030C5

 B6ABFF

 001BA9

 D6C7FF

 00098E

 F5E3FF

 000073

 000D59

 000741

 00032A

 000114

■ 535EFF

■ 535EFF

■ 3946FF

■ 6C76FF

■ 202EFF

■ 868EFF

■ 0716FF

■ A0A6FF

■ 0010FF

■ B9BDFF

■ D3D5FF

■ ECEDFF

FFFFFF

# Harmonies

## Analogous

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



007FFF



535EFF



CA12C5

# Triad

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



535EFF



C94A00



00916F

# Complementary

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



535EFF



FFF453

# 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.



008D10



535EFF



8E7000

# Square

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



535EFF



EE002C



3B8300



0092BF

# Rectangle

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



535EFF



EB0092



3B8300



009053



# Sweetspot

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



535EFF



CCCFFF



53FFF4



616380



000000



808080



# Same Dimension

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



535EFF



303EFF



9E53FF



737480



000CBF



000440



# Inverse Universe

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



FF535E



FF303E



B4FF53



807374



BF000C

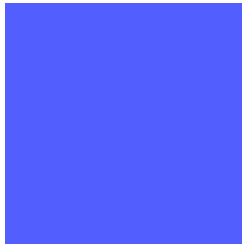


400004



# Previews

## White Background



This preview shows how the Hex color 535EFF looks on a white background.

## Color Contrast Check

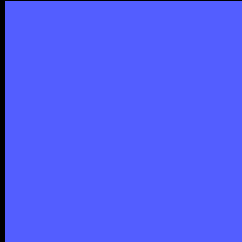
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 535EFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

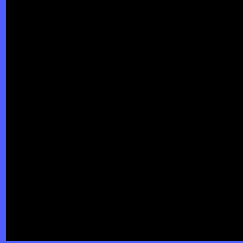
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 535EFF Background



This preview shows how black text looks on a background with the Hex color 535EFF.



This preview shows how white text looks on a background with the Hex color 535EFF.

# 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**  
535EFF

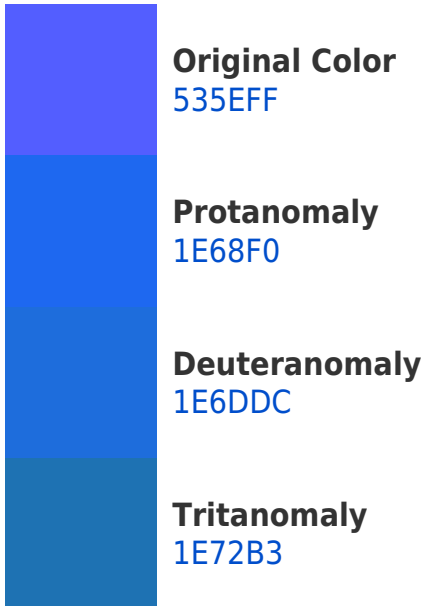
**Protanopia**  
006EE8

**Deuteranopia**  
0075C8



**Tritanopia**  
007E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 535EFF 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 #535EFF looks like.

```
.text, #text, p{  
    color:#535EFF  
}
```

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 #535EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535EFF
}
```

## Border

The CSS property to change the border of an element to Hex 535EFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

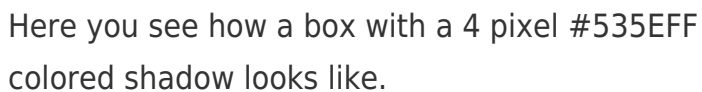
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535EFF }
```

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

```
.border{ border-color:#535EFF }
```

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



Here you see how a box with a 4 pixel #535EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535EFF; -webkit-box-shadow:4px 4px  
4px 4px #535EFF; box-shadow:4px 4px 4px  
4px #535EFF }
```

# Background

The CSS property to change the background color of an element to Hex 535EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535EFF }
```

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

```
.background{ background-color:#535EFF }
```

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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