

# Converting Colors

Hex(565FF0)

Have a look what the booklet for  
Hex(565FF0) contains.

<b>Hex(565FF0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(565FF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	565FF0
RGB	86, 95, 240
RGB Percent	34%, 37%, 94%
CMY	0.6627, 0.6275, 0.0588
CMYK	0.64, 0.60, 0.00, 0.06
HSL	236°, 84%, 64%
HSV	236°, 64%, 94%
XYZ	23.6581, 16.4541, 84.3671
YIQ	108.8390, -51.9090, 43.1870

# Conversions

## Conversions Part 2

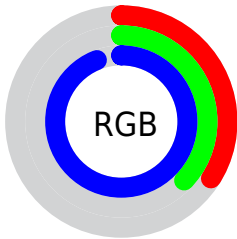
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 95, 240
Decimal	5660656
CIE <sub>Lab</sub>	47.56, 40.54, -74.10
CIE <sub>LCh</sub>	48, 84.465, 298.680
Yxy	16.4541, 0.1901, 0.1322
Android (android.graphics.Color)	4283850736 (0xFF565FF0)
YUV	108.8390, 64.6624, -20.0298
Hunter-Lab	40.5637, 33.1209, -94.9208

# Details

The Hex color **565FF0** 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 **F0E756**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9692FF**, and **0031B7** is the 20% darker color. If you saturate the color by 10%, you get **3E48F0**, and if you desaturate by 10%, it is **6E76F0**.

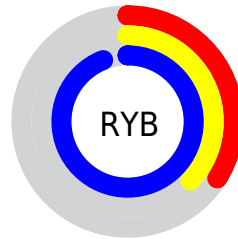
# Distribution



Red (34%)

Green (37%)

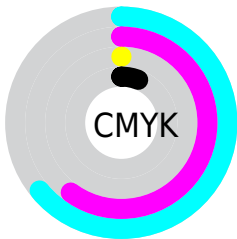
Blue (94%)



Red (34%)

Yellow (37%)

Blue (94%)

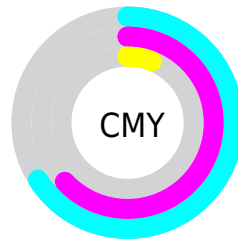


Cyan (64%)

Magenta (60%)

Yellow (0%)

Black (6%)



Cyan (66%)

Magenta (63%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 565FF0 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 565FF0 by changing the saturation by 10% instead.



 565FF0

 565FF0

FFFFFF

 2F47D3

 9692FF

 0031B7

 B5ACFF

 001C9B

 D4C8FF

 000A80

 F3E4FF

 000066

 000A4D

 000535

 00021F

 000002

■ 565FF0

■ 565FF0

■ 3E48F0

■ 6E76F0

■ 2632F0

■ 868CF0

■ 0E1BF0

■ 9EA3F0

■ 000EF0

■ B6B9F0

■ CED0F0

■ E6E7F0

■ FEFDF0

■ FFFFF0

# Harmonies

## Analogous

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



007CFF



565FF0



BF2ABC

# Triad

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



565FF0



C14C00



008D6C

# Complementary

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



565FF0



F0E756

# 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.



00891B



565FF0



8D6D00

# Square

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



565FF0



E20032



448000



008EB4

# Rectangle

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



565FF0



DE008F



448000



008C52



# Sweetspot

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



565FF0



CFD1FF



56F0E6



626480



000000



808080



# Same Dimension

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



565FF0



3B46FF



9956F0



6C6D78



000BB8



000338



# Inverse Universe

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



F0565F



FF3B46



ADF056



786C6D



B8000B

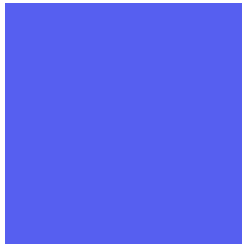


380003



# Previews

## White Background



This preview shows how the Hex color 565FF0 looks on a white background.

## Color Contrast Check

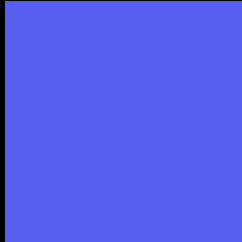
Large Text (above 18pt) WCAG AA ✓ Pass

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 565FF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

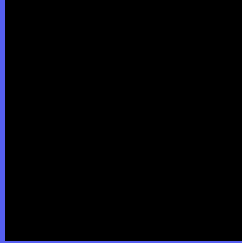
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 565FF0 Background



This preview shows how black text looks on a background with the Hex color 565FF0.

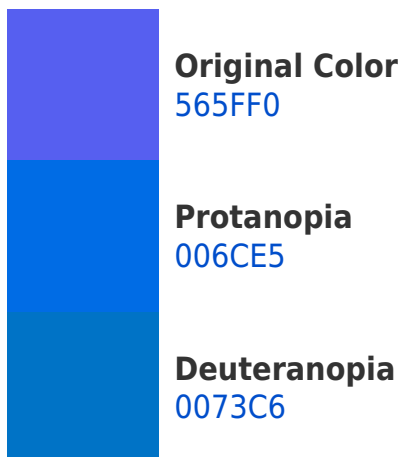


This preview shows how white text looks on a background with the Hex color 565FF0.

# 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](#).

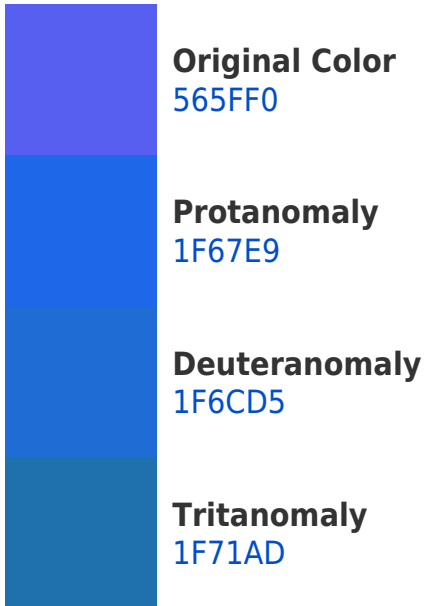
## Dichromacy





**Tritanopia**  
007C87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 565FF0 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 #565FF0 looks like.

```
.text, #text, p{  
    color:#565FF0  
}
```

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 #565FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565FF0
}
```

## Border

The CSS property to change the border of an element to Hex 565FF0 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
#565FF0 }
```

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

```
.border{ border-color:#565FF0 }
```

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

Here you see how a box with a 4 pixel #565FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565FF0; -webkit-box-shadow:4px 4px  
4px 4px #565FF0; box-shadow:4px 4px 4px  
4px #565FF0 }
```

# Background

The CSS property to change the background color of an element to Hex 565FF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565FF0 }
```

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

```
.background{ background-color:#565FF0 }
```

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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