

# Converting Colors

Hex(6551F6)

Have a look what the booklet for  
Hex(6551F6) contains.

<b>Hex(6551F6)</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(6551F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6551F6
RGB	101, 81, 246
RGB Percent	40%, 32%, 96%
CMY	0.6039, 0.6824, 0.0353
CMYK	0.59, 0.67, 0.00, 0.04
HSL	247°, 90%, 64%
HSV	247°, 67%, 96%
XYZ	24.9438, 15.3054, 88.8283
YIQ	105.7900, -41.0450, 55.5550

# Conversions

## Conversions Part 2

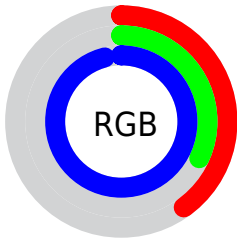
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 81, 246
Decimal	6640118
CIE <sub>Lab</sub>	46.05, 52.66, -79.90
CIE <sub>LCh</sub>	46, 95.692, 303.391
Yxy	15.3054, 0.1932, 0.1186
Android (android.graphics.Color)	4284830198 (0xFF6551F6)
YUV	105.7900, 69.1235, -4.2008
Hunter-Lab	39.1221, 45.3459, -107.2349

# Details

The Hex color **6551F6** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **E2F651**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A484FF**, and **0621BC** is the 20% darker color. If you saturate the color by 10%, you get **4F38F6**, and if you desaturate by 10%, it is **7B6AF6**.

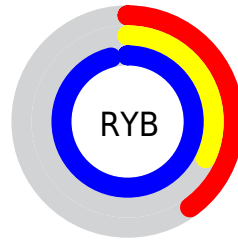
# Distribution



Red (40%)

Green (32%)

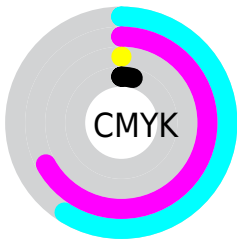
Blue (96%)



Red (40%)

Yellow (32%)

Blue (96%)

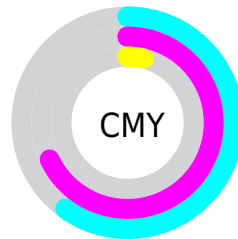


Cyan (59%)

Magenta (67%)

Yellow (0%)

Black (4%)



Cyan (60%)

Magenta (68%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6551F6 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 6551F6 by changing the saturation by 10% instead.



 6551F6

 6551F6

FFFFFF

 4139D9

 A484FF

 0621BC

 C39FFF

 0008A0

 E2BAFF

 000085

 FFD6FF

 00006B

 FFF3FF

 000B52

 00053A

 000223

 00000A

■ 6551F6

■ 6551F6

■ 4F38F6

■ 7B6AF6

■ 3A20F6

■ 9082F6

■ 2407F6

■ A69BF6

■ 1E00F6

■ BBB3F6

■ D1CCF6

■ E7E5F6

■ FCFDF6

■ FFFFF6

# Harmonies

## Analogous

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



0077FF



6551F6



CE00B7

# Triad

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



6551F6



BC4900



008B75

# Complementary

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



6551F6



E2F651

# 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.



008818



6551F6



7D6E00

# Square

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



6551F6



E50019



188000



008CC5

# Rectangle

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



6551F6



EB0083



188000



008A58



# Sweetspot

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



6551F6



D2CCFF



51E3F6



656180



000000



808080



# Same Dimension

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



6551F6



4C33FF



B751F6



706E7A



1700BA



07003B



# Inverse Universe

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



F651E2



FF33E6



90F651



7A6E79



BA00A4

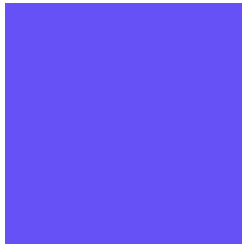


3B0034



# Previews

## White Background



This preview shows how the Hex color 6551F6 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 6551F6 Background



This preview shows how black text looks on a background with the Hex color 6551F6.



This preview shows how white text looks on a background with the Hex color 6551F6.

# 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](#).

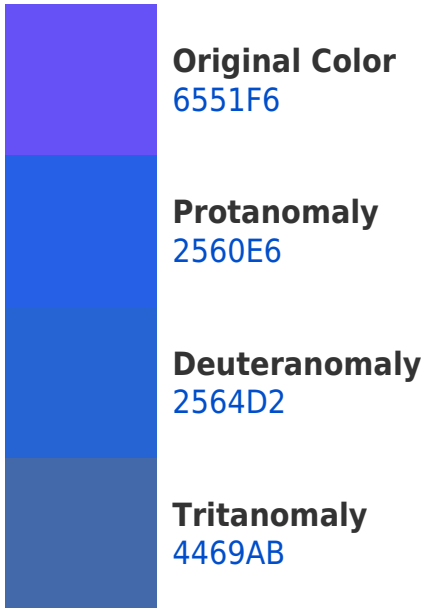
## Dichromacy



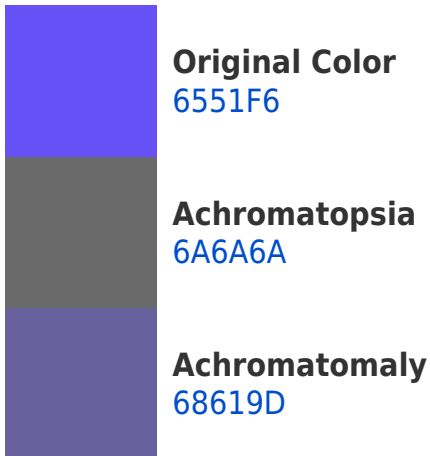


**Tritanopia**  
317680

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6551F6 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 #6551F6 looks like.

```
.text, #text, p{  
    color:#6551F6  
}
```

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 #6551F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6551F6  
}
```

## Border

The CSS property to change the border of an element to Hex 6551F6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

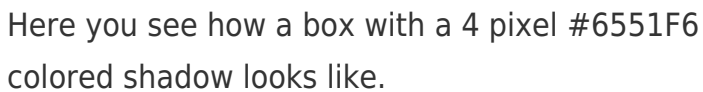
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6551F6 }
```

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

```
.border{ border-color:#6551F6 }
```

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



Here you see how a box with a 4 pixel #6551F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6551F6; -webkit-box-shadow:4px 4px  
4px 4px #6551F6; box-shadow:4px 4px 4px  
4px #6551F6 }
```

# Background

The CSS property to change the background color of an element to Hex 6551F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6551F6 }
```

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

```
.background{ background-color:#6551F6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor