

# Converting Colors

Hex(6533FF)

Have a look what the booklet for  
Hex(6533FF) contains.

<b>Hex(6533FF)</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(6533FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6533FF
RGB	101, 51, 255
RGB Percent	40%, 20%, 100%
CMY	0.6039, 0.8000, 0.0000
CMYK	0.60, 0.80, 0.00, 0.00
HSL	255°, 100%, 60%
HSV	255°, 80%, 100%
XYZ	24.6007, 12.3544, 95.6958
YIQ	89.2060, -35.6840, 74.0440

# Conversions

## Conversions Part 2

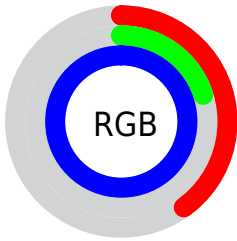
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	101, 51, 255
Decimal	6632447
CIE Lab	41.77, 69.62, -91.97
CIE LCh	42, 115.345, 307.126
Yxy	12.3544, 0.1855, 0.0931
Android (android.graphics.Color)	4284822527 (0xFF6533FF)
YUV	89.2060, 81.7364, 10.3433
Hunter-Lab	35.1488, 63.4220, -136.8184

# Details

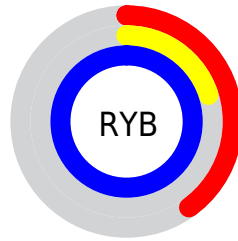
The Hex color **6533FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **CDFF33**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A769FF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **5219FF**, and if you desaturate by 10%, it is **784DFF**.

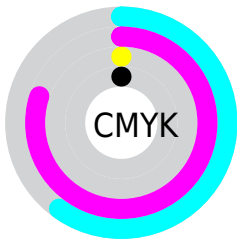
# Distribution



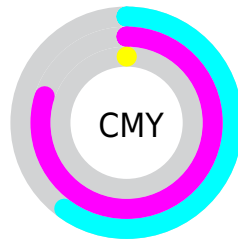
- Red (40%)
- Green (20%)
- Blue (100%)



- Red (40%)
- Yellow (20%)
- Blue (100%)



- Cyan (60%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (80%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6533FF 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 6533FF by changing the saturation by 10% instead.



 6533FF

 6533FF

FFFFFF

 3E14E2

 A769FF

 0000C5

 C784FF

 0000A8

 E7A0FF

 00008D

 FFBCFF

 000072

 FFD9FF

 000D58

 FFF6FF

 000740

 000329

 000113

 6533FF

 6533FF

 5219FF

 784DFF

 3F00FF

 8C66FF

 9F80FF

 B299FF

 C5B3FF

 D9CCFF

 ECE6FF

FFFFFF

# Harmonies

## Analogous

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



006DFF



6533FF



DB00AF

# Triad

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



6533FF



B03C00



008278

# Complementary

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



6533FF



CDFF33

# 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.



007F00



6533FF



646700

# Square

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



6533FF



E50000



007800



0084D6

# Rectangle

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



6533FF



F60071



007800



008157



# Sweetspot

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



6533FF



D1C2FF



33CFFF



645B80



000000



808080



# Same Dimension

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



6533FF



460AFF



C933FF



767380



2F00BF



100040



# Inverse Universe

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



FF33CD



FF0AC3



69FF33



80737C



BF0090

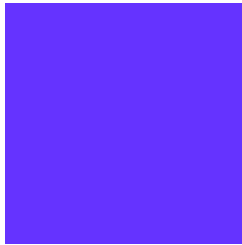


400030



# Previews

## White Background



This preview shows how the Hex color 6533FF 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

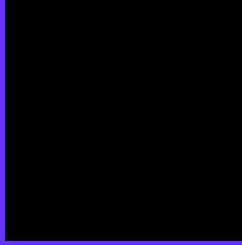
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6533FF Background



This preview shows how black text looks on a background with the Hex color 6533FF.

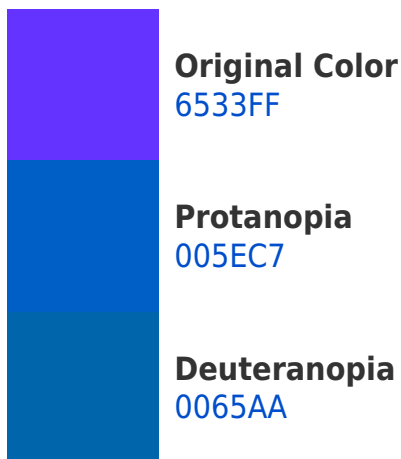



This preview shows how white text looks on a background with the Hex color 6533FF.

# 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](#).

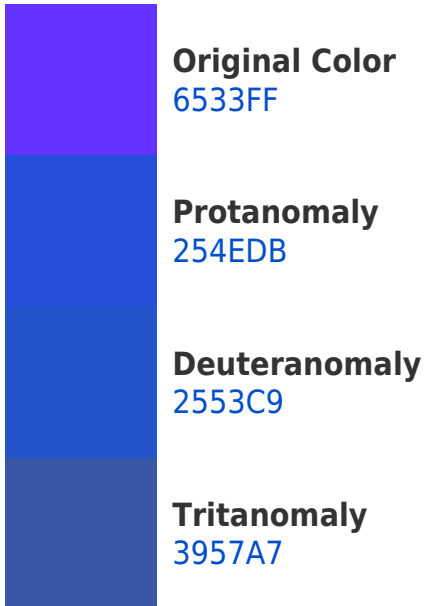
## Dichromacy



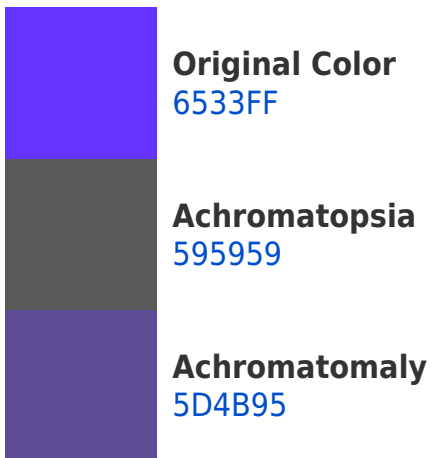


**Tritanopia**  
206C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6533FF 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 #6533FF looks like.

```
.text, #text, p{  
    color:#6533FF  
}
```

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 #6533FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6533FF
}
```

## Border

The CSS property to change the border of an element to Hex 6533FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

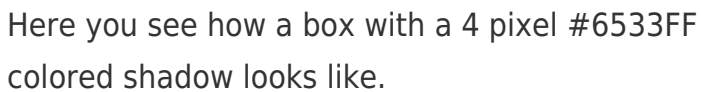
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6533FF }
```

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

```
.border{ border-color:#6533FF }
```

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



Here you see how a box with a 4 pixel #6533FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6533FF; -webkit-box-shadow:4px 4px  
4px 4px #6533FF; box-shadow:4px 4px 4px  
4px #6533FF }
```

# Background

The CSS property to change the background color of an element to Hex 6533FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6533FF }
```

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

```
.background{ background-color:#6533FF }
```

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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