

Converting Colors

Hex(633BFF)

Have a look what the booklet for
Hex(633BFF) contains.

Hex(633BFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(633BFF)

Conversions

Conversions Part 1

Format	Color
Hex	633BFF
RGB	99, 59, 255
RGB Percent	39%, 23%, 100%
CMY	0.6118, 0.7686, 0.0000
CMYK	0.61, 0.77, 0.00, 0.00
HSL	252°, 100%, 62%
HSV	252°, 77%, 100%
XYZ	24.7596, 13.0006, 95.8121
YIQ	93.3040, -39.0760, 69.4360

Conversions

Conversions Part 2

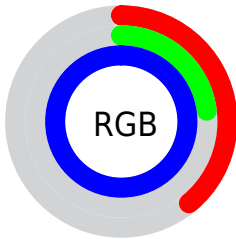
Format	Color
R _Y B	99, 59, 255
Decimal	6503423
CIE Lab	42.76, 66.04, -90.34
CIE LCh	43, 111.898, 306.167
Yxy	13.0006, 0.1854, 0.0973
Android (android.graphics.Color)	4284693503 (0xFF633BFF)
YUV	93.3040, 79.7161, 4.9954
Hunter-Lab	36.0563, 59.4758, -132.3114

Details

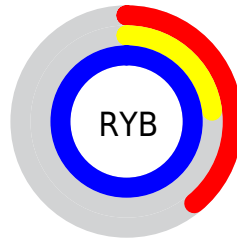
The Hex color **633BFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D7FF3B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A570FF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **4F21FF**, and if you desaturate by 10%, it is **7755FF**.

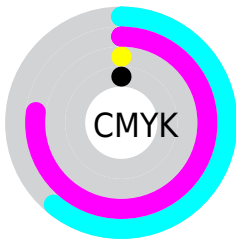
Distribution



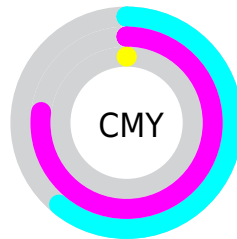
- Red (39%)
- Green (23%)
- Blue (100%)



- Red (39%)
- Yellow (23%)
- Blue (100%)



- Cyan (61%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633BFF 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 633BFF by changing the saturation by 10% instead.

 633BFF

 633BFF

FFFFFF

 3C1FE2

 A570FF

 0000C5

 C58BFF

 0000A8

 E5A6FF

 00008D

 FFC2FF

 000072

 FFDFFF

 000D58

 FFFCFF

 000740

 000329

 000113

■ 633BFF

■ 633BFF

■ 4F21FF

■ 7755FF

■ 3A08FF

■ 8C6EFF

■ 3400FF

■ A088FF

■ B4A1FF

■ C8BBFF

■ DDD4FF

■ F1EEFF

FFFFFF

Harmonies

Analogous

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



0070FF



633BFF



D900B2

Triad

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



633BFF



B43E00



008477

Complementary

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



633BFF



D7FF3B

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.



008101



633BFF



6B6900

Square

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



633BFF



E70000



007A00



0086D3

Rectangle

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



633BFF



F50075



007A00



008356

Sweetspot

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



633BFF



D0C4FF



3BD8FF



635C80



000000



808080

Same Dimension

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



633BFF



4414FF



C43BFF



757380



2700BF



0D0040

Inverse Universe

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



FF3BD7



FF14CF



76FF3B



80737D



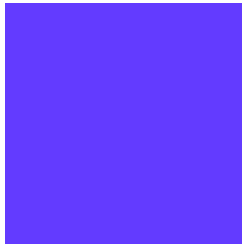
BF0098



400033

Previews

White Background



This preview shows how the Hex color 633BFF 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

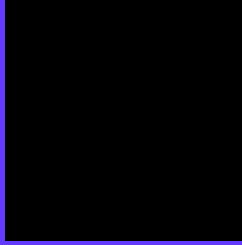
Any Text WCAG AA × Fail

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 633BFF Background



This preview shows how black text looks on a background with the Hex color 633BFF.



This preview shows how white text looks on a background with the Hex color 633BFF.

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](#).

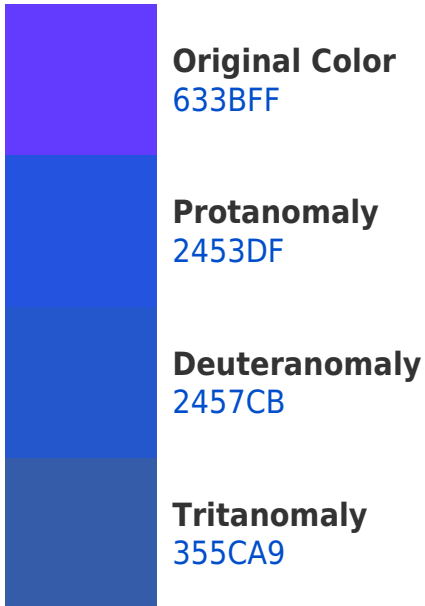
Dichromacy





Tritanopia
1A6F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 633BFF 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 #633BFF looks like.

```
.text, #text, p{  
    color:#633BFF  
}
```

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 #633BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633BFF
}
```

Border

The CSS property to change the border of an element to Hex 633BFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

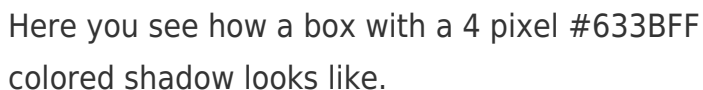
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633BFF }
```

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

```
.border{ border-color:#633BFF }
```

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



Here you see how a box with a 4 pixel #633BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633BFF; -webkit-box-shadow:4px 4px  
4px 4px #633BFF; box-shadow:4px 4px 4px  
4px #633BFF }
```

Background

The CSS property to change the background color of an element to Hex 633BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633BFF }
```

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

```
.background{ background-color:#633BFF }
```

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