

Converting Colors

Hex(655FF3)

Have a look what the booklet for
Hex(655FF3) contains.

Hex(655FF3)	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(655FF3)

Conversions

Conversions Part 1

Format	Color
Hex	655FF3
RGB	101, 95, 243
RGB Percent	40%, 37%, 95%
CMY	0.6039, 0.6275, 0.0471
CMYK	0.58, 0.61, 0.00, 0.05
HSL	242°, 86%, 66%
HSV	242°, 61%, 95%
XYZ	25.6367, 17.4222, 86.8056
YIQ	113.6660, -43.9320, 47.3000

Conversions

Conversions Part 2

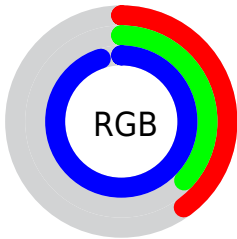
Format	Color
R _Y B	101, 95, 243
Decimal	6643699
CIE Lab	48.79, 43.80, -73.75
CIE LCh	49, 85.773, 300.707
Yxy	17.4222, 0.1974, 0.1342
Android (android.graphics.Color)	4284833779 (0xFF655FF3)
YUV	113.6660, 63.7617, -11.1081
Hunter-Lab	41.7399, 36.5901, -94.0863

Details

The Hex color **655FF3** 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 **EDF35F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A392FF**, and **1130BA** is the 20% darker color. If you saturate the color by 10%, you get **4E47F3**, and if you desaturate by 10%, it is **7C77F3**.

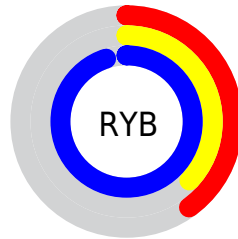
Distribution



Red (40%)

Green (37%)

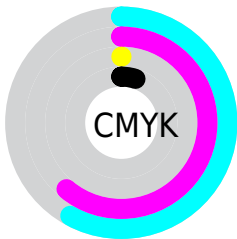
Blue (95%)



Red (40%)

Yellow (37%)

Blue (95%)

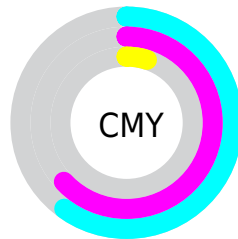


Cyan (58%)

Magenta (61%)

Yellow (0%)

Black (5%)



Cyan (60%)

Magenta (63%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 655FF3 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 655FF3 by changing the saturation by 10% instead.

■ 655FF3

■ 655FF3

FFFFFF

■ 4347D6

■ A392FF

■ 1130BA

■ C2ADFF

■ 001A9E

■ E0C8FF

■ 000783

■ FFE5FF

■ 000069

■ 000A50

■ 000538

■ 000221

■ 000007

■ 655FF3

■ 655FF3

■ 4E47F3

■ 7C77F3

■ 362EF3

■ 9490F3

■ 1F16F3

■ ABA8F3

■ 0A00F3

■ C2C0F3

■ DAD8F3

■ F1F1F3

■ FFFF3

Harmonies

Analogous

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



007EFF



655FF3



C827BC

Triad

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



655FF3



C35100



009174

Complementary

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



655FF3



EDF35F

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.



008D23



655FF3



8C7200

Square

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



655FF3



E60E2F



3F8400



0091BD

Rectangle

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



655FF3



E5008E



3F8400



00905A

Sweetspot

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



655FF3



D3D1FF



5FEEF3



656380



000000



808080

Same Dimension

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



655FF3



4C45FF



AE5FF3



6F6E7A



0800BA



02003B

Inverse Universe

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



F35FED



FF45F7



A4F35F



7A6E7A



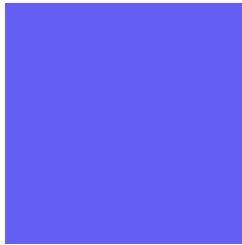
BA00B3



3B0038

Previews

White Background



This preview shows how the Hex color 655FF3 looks on a white background.

Color Contrast Check

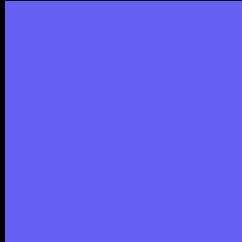
Large Text (above 18pt) WCAG AA ✓ Pass

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 655FF3 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 655FF3 Background



This preview shows how black text looks on a background with the Hex color 655FF3.



This preview shows how white text looks on a background with the Hex color 655FF3.

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](#).

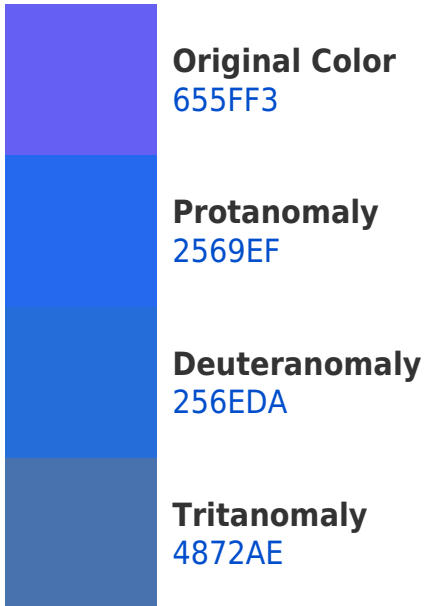
Dichromacy





Tritanopia
387D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 655FF3 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 #655FF3 looks like.

```
.text, #text, p{  
    color:#655FF3  
}
```

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 #655FF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #655FF3
}
```

Border

The CSS property to change the border of an element to Hex 655FF3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

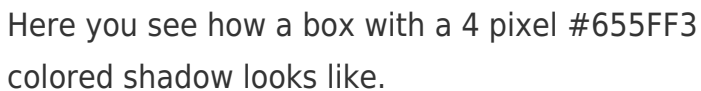
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#655FF3 }
```

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

```
.border{ border-color:#655FF3 }
```

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



Here you see how a box with a 4 pixel #655FF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #655FF3; -webkit-box-shadow:4px 4px  
4px 4px #655FF3; box-shadow:4px 4px 4px  
4px #655FF3 }
```

Background

The CSS property to change the background color of an element to Hex 655FF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#655FF3 }
```

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

```
.background{ background-color:#655FF3 }
```

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