

Converting Colors

Hex(633FB7)

Have a look what the booklet for
Hex(633FB7) contains.

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Color

Hex(633FB7)

Conversions

Conversions Part 1

Format	Color
Hex	633FB7
RGB	99, 63, 183
RGB Percent	39%, 25%, 72%
CMY	0.6118, 0.7529, 0.2824
CMYK	0.46, 0.66, 0.00, 0.28
HSL	258°, 49%, 48%
HSV	258°, 66%, 72%
XYZ	15.4703, 9.6266, 45.8425
YIQ	87.4440, -17.0640, 44.9520

Conversions

Conversions Part 2

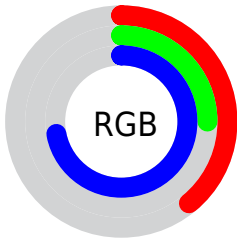
Format	Color
R_{YB}	99, 63, 183
Decimal	6504375
CIE _{Lab}	37.16, 43.84, -58.24
CIE _{LCh}	37, 72.896, 306.973
Yxy	9.6266, 0.2181, 0.1357
Android (android.graphics.Color)	4284694455 (0xFF633FB7)
YUV	87.4440, 47.1091, 10.1346
Hunter-Lab	31.0267, 34.7058, -65.8833

Details

The Hex color **633FB7** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **93B73F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9C71F0**, and **270E81** is the 20% darker color. If you saturate the color by 10%, you get **562DB7**, and if you desaturate by 10%, it is **7051B7**.

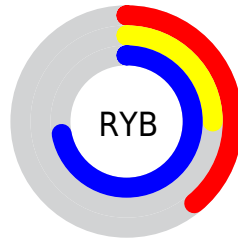
Distribution



Red (39%)

Green (25%)

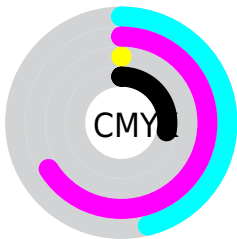
Blue (72%)



Red (39%)

Yellow (25%)

Blue (72%)

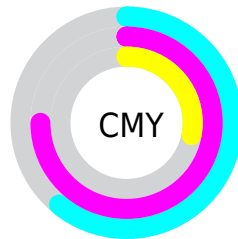


Cyan (46%)

Magenta (66%)

Yellow (0%)

Black (28%)



Cyan (61%)

Magenta (75%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633FB7 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 633FB7 by changing the saturation by 10% instead.

633FB7

633FB7

FFFFFF

46279C

9C71F0

270E81

B88BFF

000067

D6A6FF

00004E

F3C1FF

000536

FFDDFF

000220

FFFAFF

000004

000000

633FB7

633FB7

■ 562DB7

■ 7051B7

■ 491AB7

■ 7D64B7

■ 3D08B7

■ 8976B7

■ 3700B7

■ 9688B7

■ A39BB7

■ B0ADB7

■ BDBFB7

■ C9D1B7

■ D6E4B7

Harmonies

Analogous

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



005CCF



633FB7



A50087

Triad

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



633FB7



8F4200



006F64

Complementary

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



633FB7



93B73F

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.



006C25



633FB7



5F5A00

Square

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



633FB7



AF1312



146600



006F9E

Rectangle

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



633FB7



B70060



146600



006E50

Sweetspot

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



633FB7



CCBEED



3F93B7



645B78



F7F7F7



787878

Same Dimension

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



633FB7



6A32ED



9F3FB7



55535C



2F009C



08001C

Inverse Universe

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



B73F93



ED32B5



57B73F



5C5359



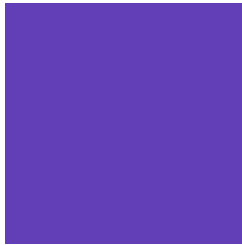
9C006D



1C0014

Previews

White Background



This preview shows how the Hex color 633FB7 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

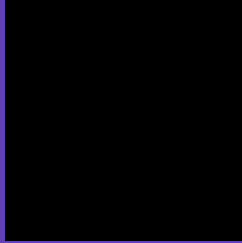
Any Text WCAG AA × Fail

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 633FB7 Background



This preview shows how black text looks on a background with the Hex color 633FB7.

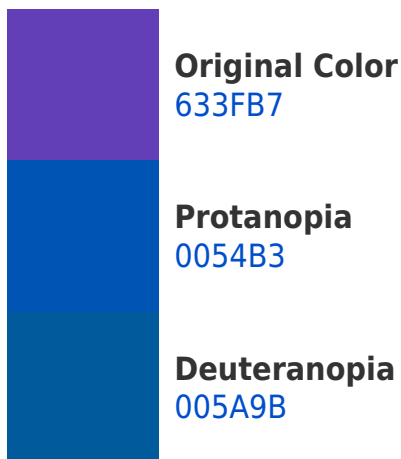


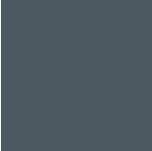
This preview shows how white text looks on a background with the Hex color 633FB7.

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](#).

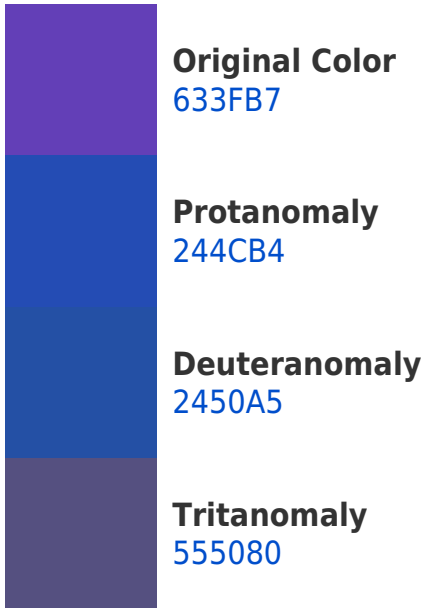
Dichromacy



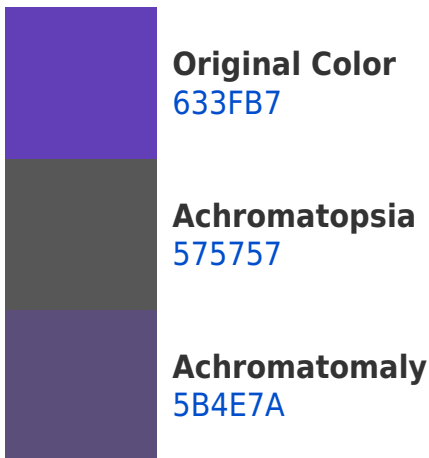


Tritanopia
4D5961

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 633FB7 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 #633FB7 looks like.

```
.text, #text, p{  
    color:#633FB7  
}
```

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 #633FB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633FB7
}
```

Border

The CSS property to change the border of an element to Hex 633FB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

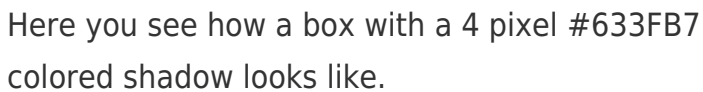
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633FB7 }
```

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

```
.border{ border-color:#633FB7 }
```

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



Here you see how a box with a 4 pixel #633FB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633FB7; -webkit-box-shadow:4px 4px  
4px 4px #633FB7; box-shadow:4px 4px 4px  
4px #633FB7 }
```

Background

The CSS property to change the background color of an element to Hex 633FB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633FB7 }
```

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

```
.background{ background-color:#633FB7 }
```

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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