

Converting Colors

Hex(6C33ED)

Have a look what the booklet for
Hex(6C33ED) contains.

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Color

Hex(6C33ED)

Conversions

Conversions Part 1

Format	Color
Hex	6C33ED
RGB	108, 51, 237
RGB Percent	42%, 20%, 93%
CMY	0.5765, 0.8000, 0.0706
CMYK	0.54, 0.78, 0.00, 0.07
HSL	258°, 84%, 56%
HSV	258°, 78%, 93%
XYZ	22.6542, 11.6702, 81.1793
YIQ	89.2470, -25.7340, 69.9300

Conversions

Conversions Part 2

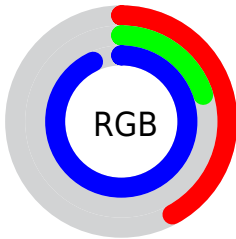
Format	Color
R _{YB}	108, 51, 237
Decimal	7091181
CIE Lab	40.69, 65.67, -83.62
CIE LCh	41, 106.320, 308.144
Yxy	11.6702, 0.1961, 0.1010
Android (android.graphics.Color)	4285281261 (0xFF6C33ED)
YUV	89.2470, 72.8422, 16.4464
Hunter-Lab	34.1617, 58.5887, -116.9791

Details

The Hex color **6C33ED** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **B4ED33**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AB69FF**, and **1D00B4** is the 20% darker color. If you saturate the color by 10%, you get **5C1BED**, and if you desaturate by 10%, it is **7C4BED**.

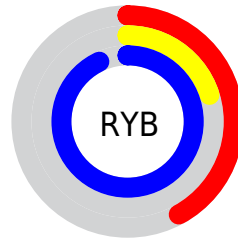
Distribution



Red (42%)

Green (20%)

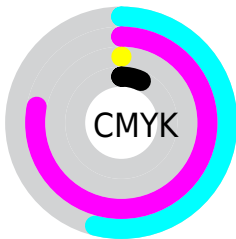
Blue (93%)



Red (42%)

Yellow (20%)

Blue (93%)

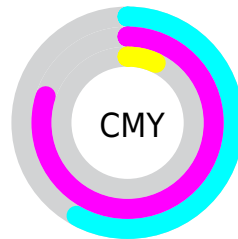


Cyan (54%)

Magenta (78%)

Yellow (0%)

Black (7%)



Cyan (58%)

Magenta (80%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C33ED 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 6C33ED by changing the saturation by 10% instead.

 6C33ED

 6C33ED

FFFFFF

 4A14D0

 AB69FF

 1D00B4

 CA84FF

 000098

 E99FFF

 00007D

 FFBBFF

 000063

 FFD8FF

 00094A

 FFF5FF

 000432

 00021C

 000000

 6C33ED

 6C33ED

 5C1BED

 7C4BED

 4B04ED

 8D62ED

 4900ED

 9D7AED

 AE92ED

 BEA9ED

 CFC1ED

 DFD9ED

 EFF1ED

 FFFFED

Harmonies

Analogous

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



0068FF



6C33ED



D100A3

Triad

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



6C33ED



A73F00



007E77

Complementary

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



6C33ED



B4ED33

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.



007B11



6C33ED



606500

Square

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



6C33ED



D80000



007500



007FCC

Rectangle

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



6C33ED



E9006A



007500



007D58

Sweetspot

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



6C33ED



D5C2FF



33B5ED



665B80



000000



808080

Same Dimension

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



6C33ED



590FFF



C833ED



6D6A75



3700B5



100036

Inverse Universe

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



ED33B4



FF0FB6



58ED33



756A72



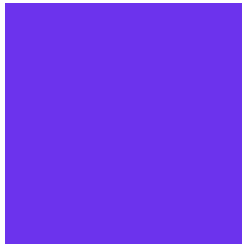
B5007E



360025

Previews

White Background



This preview shows how the Hex color 6C33ED looks on a white background.

Color Contrast Check

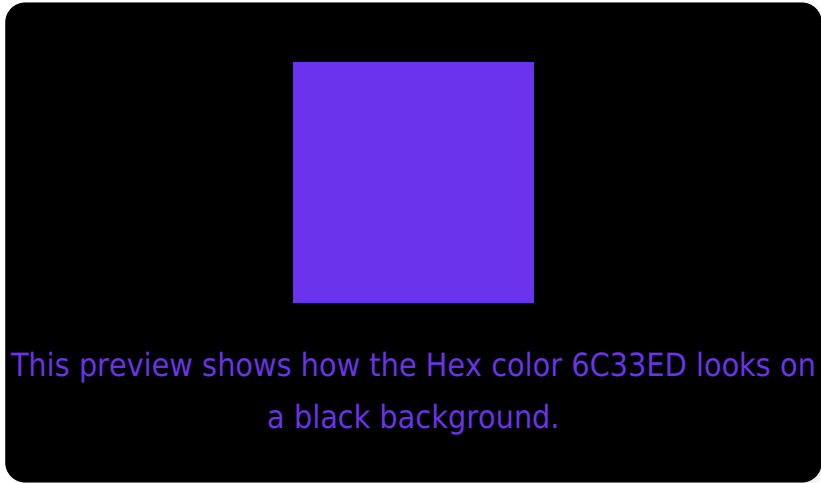
Large Text (above 18pt) WCAG AA ✓ Pass

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

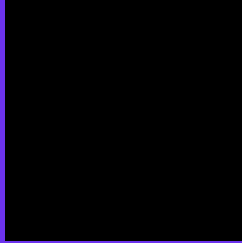
Any Text WCAG AA × Fail

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 6C33ED Background



This preview shows how black text looks on a background with the Hex color 6C33ED.

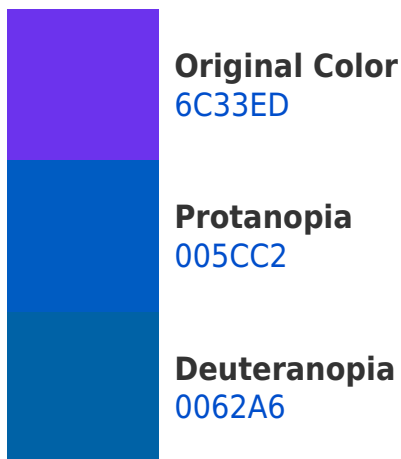


This preview shows how white text looks on a background with the Hex color 6C33ED.

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](#).

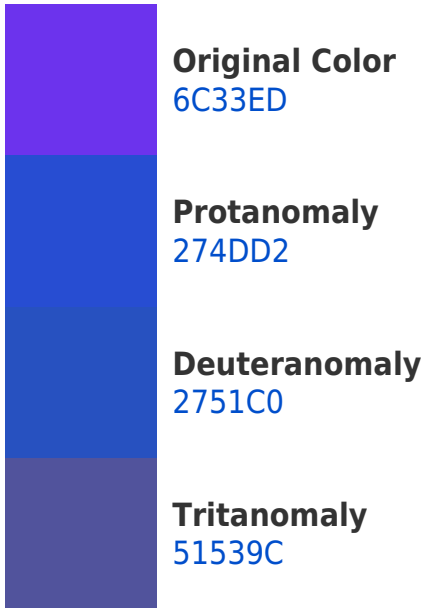
Dichromacy





Tritanopia
41656E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C33ED 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 #6C33ED looks like.

```
.text, #text, p{  
    color:#6C33ED  
}
```

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 #6C33ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C33ED
}
```

Border

The CSS property to change the border of an element to Hex 6C33ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

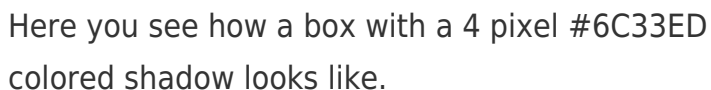
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C33ED }
```

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

```
.border{ border-color:#6C33ED }
```

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



Here you see how a box with a 4 pixel #6C33ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C33ED; -webkit-box-shadow:4px 4px  
4px 4px #6C33ED; box-shadow:4px 4px 4px  
4px #6C33ED }
```

Background

The CSS property to change the background color of an element to Hex 6C33ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C33ED }
```

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

```
.background{ background-color:#6C33ED }
```

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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