

Converting Colors

Hex(6C45CE)

Have a look what the booklet for
Hex(6C45CE) contains.

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Color

Hex(6C45CE)

Conversions

Conversions Part 1

Format	Color
Hex	6C45CE
RGB	108, 69, 206
RGB Percent	42%, 27%, 81%
CMY	0.5765, 0.7294, 0.1922
CMYK	0.48, 0.67, 0.00, 0.19
HSL	257°, 58%, 54%
HSV	257°, 67%, 81%
XYZ	19.4530, 11.9006, 59.6643
YIQ	96.2790, -20.7330, 50.8750

Conversions

Conversions Part 2

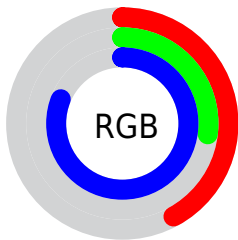
Format	Color
R _Y B	108, 69, 206
Decimal	7095758
CIE Lab	41.06, 48.72, -65.29
CIE LCh	41, 81.462, 306.732
Yxy	11.9006, 0.2137, 0.1308
Android (android.graphics.Color)	4285285838 (0xFF6C45CE)
YUV	96.2790, 54.0925, 10.2793
Hunter-Lab	34.4973, 40.2861, -78.3961

Details

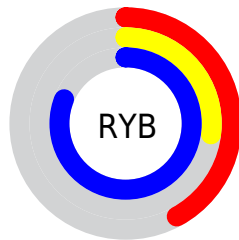
The Hex color **6C45CE** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **A7CE45**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A678FF**, and **2E1397** is the 20% darker color. If you saturate the color by 10%, you get **5D30CE**, and if you desaturate by 10%, it is **7B5ACE**.

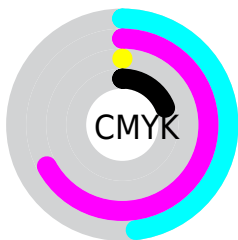
Distribution



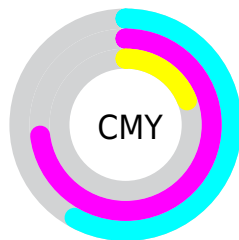
- Red (42%)
- Green (27%)
- Blue (81%)



- Red (42%)
- Yellow (27%)
- Blue (81%)



- Cyan (48%)
- Magenta (67%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (73%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C45CE 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 6C45CE by changing the saturation by 10% instead.

 6C45CE

 6C45CE

FFFFFF

 4E2CB2

 A678FF

 2E1397

 C492FF

 00007C

 E1ADFF

 000062

 FFC9FF

 000149

 FFE6FF

 000432

 00011C

 000000

 6C45CE

 6C45CE

5D30CE

7B5ACE

4F1CCE

896ECE

4007CE

9883CE

3B00CE

A797CE

B6ACCE

C4C1CE

D3D5CE

E2EACE

F1FECE

Harmonies

Analogous

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



0066E9



6C45CE



B80097

Triad

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



6C45CE



9F4800



007B6F

Complementary

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



6C45CE



A7CE45

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.



007826



6C45CE



696300

Square

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



6C45CE



C40612



0D7200



007BB0

Rectangle

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



6C45CE



CC006B



0D7200



007A57

Sweetspot

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



6C45CE



DBCCFF



45A7CE



6A6180



000000



808080

Same Dimension

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



6C45CE



6D33FF



B045CE



5F5C66



2F00A6



0B0026

Inverse Universe

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



CE45A7



FF33C5



63CE45



665C63



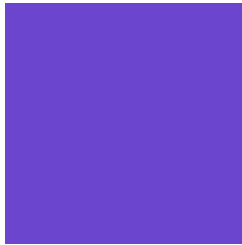
A60077



26001B

Previews

White Background



This preview shows how the Hex color 6C45CE looks on a white background.

Color Contrast Check

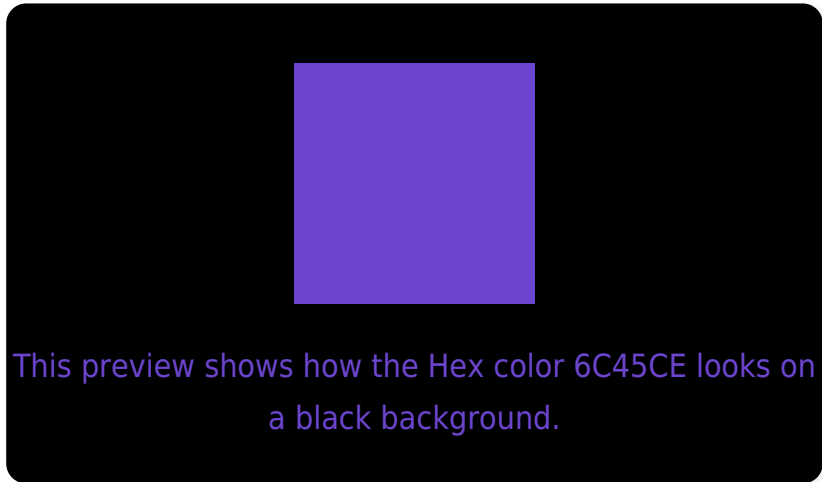
Large Text (above 18pt) WCAG AA ✓ Pass

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

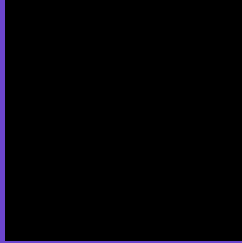
Any Text WCAG AA × Fail

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 6C45CE Background



This preview shows how black text looks on a background with the Hex color 6C45CE.

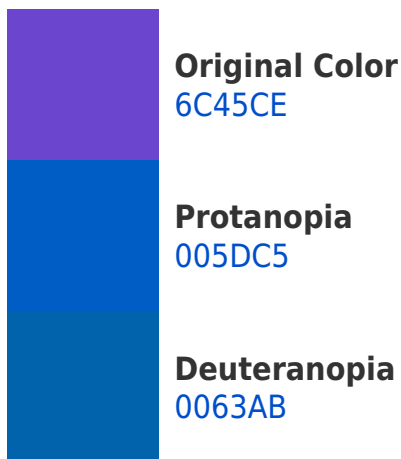


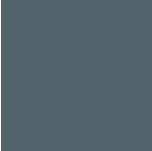
This preview shows how white text looks on a background with the Hex color 6C45CE.

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](#).

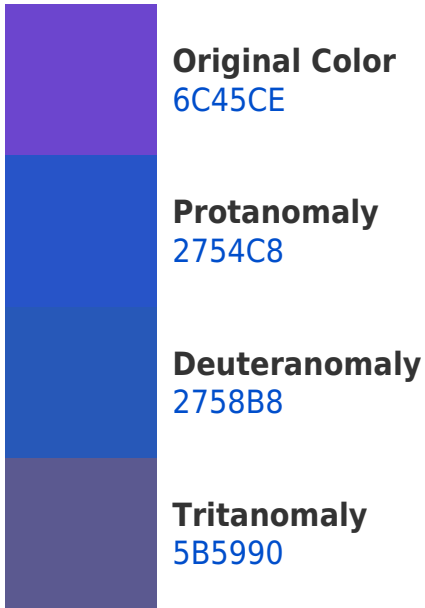
Dichromacy





Tritanopia
51646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C45CE 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 #6C45CE looks like.

```
.text, #text, p{  
    color:#6C45CE  
}
```

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 #6C45CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C45CE
}
```

Border

The CSS property to change the border of an element to Hex 6C45CE 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
#6C45CE }
```

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

```
.border{ border-color:#6C45CE }
```

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

Here you see how a box with a 4 pixel #6C45CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C45CE; -webkit-box-shadow:4px 4px  
4px 4px #6C45CE; box-shadow:4px 4px 4px  
4px #6C45CE }
```

Background

The CSS property to change the background color of an element to Hex 6C45CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C45CE }
```

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

```
.background{ background-color:#6C45CE }
```

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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