

Converting Colors

Hex(6C49EE)

Have a look what the booklet for
Hex(6C49EE) contains.

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Color

Hex(6C49EE)

Conversions

Conversions Part 1

Format	Color
Hex	6C49EE
RGB	108, 73, 238
RGB Percent	42%, 29%, 93%
CMY	0.5765, 0.7137, 0.0667
CMYK	0.55, 0.69, 0.00, 0.07
HSL	253°, 83%, 61%
HSV	253°, 69%, 93%
XYZ	23.9995, 14.1263, 82.3507
YIQ	102.2750, -32.1050, 58.7350

Conversions

Conversions Part 2

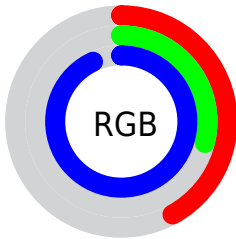
Format	Color
R_{YB}	108, 73, 238
Decimal	7096814
CIE _{Lab}	44.41, 55.62, -78.06
CIE _{LCh}	44, 95.851, 305.473
Yxy	14.1263, 0.1992, 0.1173
Android (android.graphics.Color)	4285286894 (0xFF6C49EE)
YUV	102.2750, 66.9124, 5.0208
Hunter-Lab	37.5849, 48.2058, -103.5982

Details

The Hex color **6C49EE** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **CBEE49**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AA7CFF**, and **2116B5** is the 20% darker color. If you saturate the color by 10%, you get **5931EE**, and if you desaturate by 10%, it is **7F61EE**.

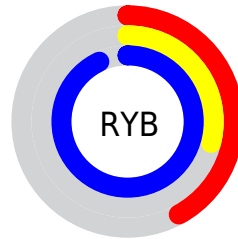
Distribution



Red (42%)

Green (29%)

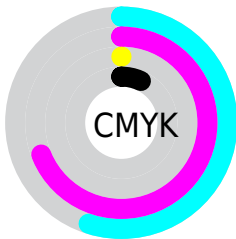
Blue (93%)



Red (42%)

Yellow (29%)

Blue (93%)

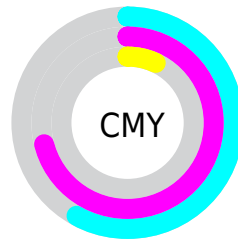


Cyan (55%)

Magenta (69%)

Yellow (0%)

Black (7%)



Cyan (58%)

Magenta (71%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C49EE 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 6C49EE by changing the saturation by 10% instead.

 6C49EE

 6C49EE

FFFFFF

 4B30D1

 AA7CFF

 2116B5

 C897FF

 000099

 E7B2FF

 00007E

 FFCEFF

 000064

 FFE8FF

 00094B

 000433

 00021D

 000000

 6C49EE

 6C49EE

 5931EE

 7F61EE

 4619EE

 9279EE

 3402EE

 A490EE

 3200EE

 B7A8EE

 CAC0EE

 DDD8EE

 EFF0EE

 FFFFEE

Harmonies

Analogous

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



0071FF



6C49EE



CE00AD

Triad

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



6C49EE



B34800



008676

Complementary

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



6C49EE



CBEE49

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.



00831C



6C49EE



746B00

Square

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



6C49EE



DE000D



007C00



0087C5

Rectangle

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



6C49EE



E70079



007C00



00865A

Sweetspot

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



6C49EE



D5C9FF



49CDEE



666080



000000



808080

Same Dimension

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



6C49EE



582BFF



BD49EE



6E6C78



2700B8



0C0038

Inverse Universe

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



EE49CB



FF2BD2



7BEE49



786C75



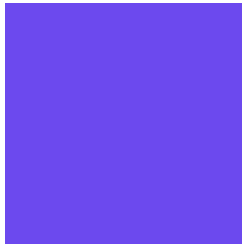
B80091



38002C

Previews

White Background



This preview shows how the Hex color 6C49EE looks on a white background.

Color Contrast Check

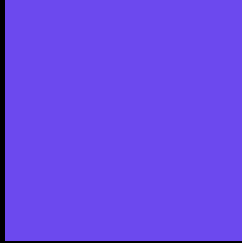
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C49EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

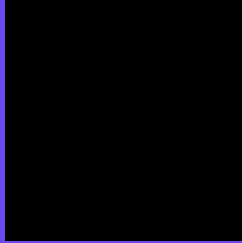
Any Text WCAG AA × Fail

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 6C49EE Background



This preview shows how black text looks on a background with the Hex color 6C49EE.



This preview shows how white text looks on a background with the Hex color 6C49EE.

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



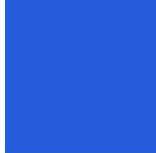


Tritanopia
436F78

Trichromacy



Original Color
6C49EE



Protanomaly
275BDE



Deuteranomaly
275FCB



Tritanomaly
5261A3

Monochromacy



Original Color
6C49EE



Achromatopsia
666666



Achromatomaly
685B97

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C49EE 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 #6C49EE looks like.

```
.text, #text, p{  
    color:#6C49EE  
}
```

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 #6C49EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C49EE
}
```

Border

The CSS property to change the border of an element to Hex 6C49EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

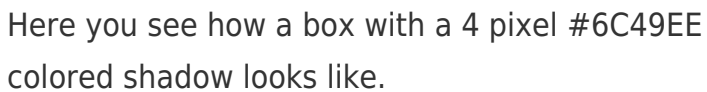
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C49EE }
```

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

```
.border{ border-color:#6C49EE }
```

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



Here you see how a box with a 4 pixel #6C49EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C49EE; -webkit-box-shadow:4px 4px  
4px 4px #6C49EE; box-shadow:4px 4px 4px  
4px #6C49EE }
```

Background

The CSS property to change the background color of an element to Hex 6C49EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C49EE }
```

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

```
.background{ background-color:#6C49EE }
```

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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