

Converting Colors

Hex(6C40DE)

Have a look what the booklet for
Hex(6C40DE) contains.

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Color

Hex(6C40DE)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6C40DE |
| RGB | 108, 64, 222 |
| RGB Percent | 42%, 25%, 87% |
| CMY | 0.5765, 0.7490, 0.1294 |
| CMYK | 0.51, 0.71, 0.00, 0.13 |
| HSL | 257°, 71%, 56% |
| HSV | 257°, 71%, 87% |
| XYZ | 21.2026, 12.1289, 70.3308 |
| YIQ | 95.1680, -24.4940, 58.4660 |

Conversions

Conversions Part 2

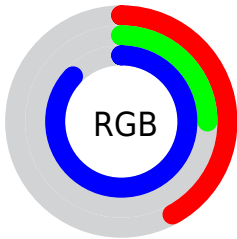
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 108, 64, 222 |
| Decimal | 7094494 |
| CIE _{Lab} | 41.42, 55.74, -73.89 |
| CIE _{LCh} | 41, 92.552, 307.031 |
| Yxy | 12.1289, 0.2045, 0.1170 |
| Android (android.graphics.Color) | 4285284574 (0xFF6C40DE) |
| YUV | 95.1680, 62.5282, 11.2537 |
| Hunter-Lab | 34.8265, 47.7253, -95.3554 |

Details

The Hex color **6C40DE** 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 **B2DE40**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **A873FF**, and **2709A6** is the 20% darker color. If you saturate the color by 10%, you get **5C2ADE**, and if you desaturate by 10%, it is **7C56DE**.

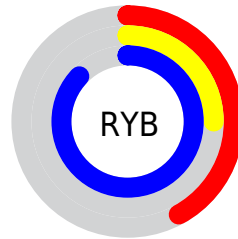
Distribution



Red (42%)

Green (25%)

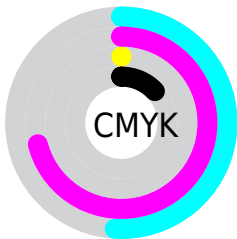
Blue (87%)



Red (42%)

Yellow (25%)

Blue (87%)

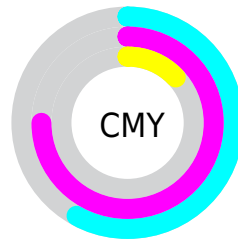


Cyan (51%)

Magenta (71%)

Yellow (0%)

Black (13%)



Cyan (58%)

Magenta (75%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C40DE 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 6C40DE by changing the saturation by 10% instead.

 6C40DE

 6C40DE

FFFFFF

 4C26C1

 A873FF

 2709A6

 C68EFF

 00008A

 E5A9FF

 000070

 FFC5FF

 000056

 FFE2FF

 00063E

 000327

 000111

 000000

 6C40DE

 6C40DE

 5C2ADE

 7C56DE

 4C14DE

 8C6CDE

 3E00DE

 9C83DE

 AC99DE

 BCAFDE

 CCC5DE

 DCDBDE

 ECF2DE

 FCFFDE

Harmonies

Analogous

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



0068FD



6C40DE



C4009F

Triad

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



6C40DE



A54500



007E73

Complementary

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



6C40DE



B2DE40

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.



007B1E



6C40DE



686500

Square

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



6C40DE



CF0003



007400



007EBD

Rectangle

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



6C40DE



DB006D



007400



007D58

Sweetspot

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



6C40DE



D8C9FF



40B4DE



696080



000000



808080

Same Dimension

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



6C40DE



6326FF



B940DE



686570



3100B0



0D0030

Inverse Universe

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



DE40B2



FF26C3



65DE40



70656D



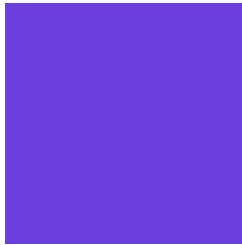
B0007F



300023

Previews

White Background



This preview shows how the Hex color 6C40DE looks on a white background.

Color Contrast Check

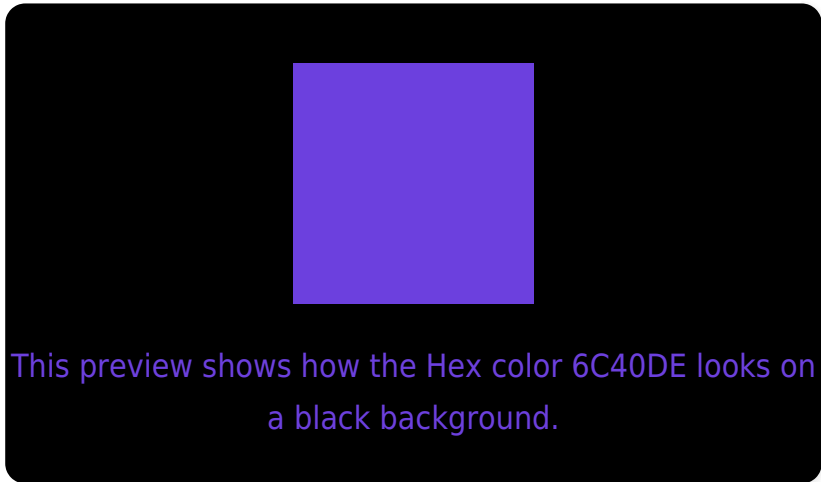
Large Text (above 18pt) WCAG AA ✓ Pass

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

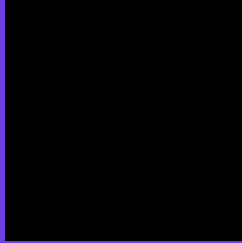
Any Text WCAG AA × Fail

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 6C40DE Background



This preview shows how black text looks on a background with the Hex color 6C40DE.

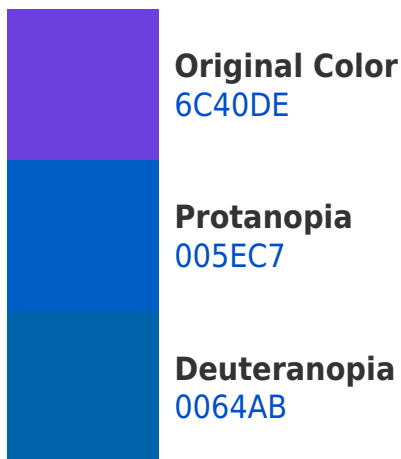



This preview shows how white text looks on a background with the Hex color 6C40DE.

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
4A666E

Trichromacy



Original Color
6C40DE



Protanomaly
2753CF



Deuteranomaly
2757BE



Tritanomaly
565897

Monochromacy



Original Color
6C40DE



Achromatopsia
5F5F5F



Achromatomaly
64548D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C40DE 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 #6C40DE looks like.

```
.text, #text, p{  
    color:#6C40DE  
}
```

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 #6C40DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C40DE
}
```

Border

The CSS property to change the border of an element to Hex 6C40DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

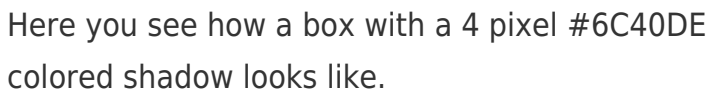
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C40DE }
```

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

```
.border{ border-color:#6C40DE }
```

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



Here you see how a box with a 4 pixel #6C40DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C40DE; -webkit-box-shadow:4px 4px  
4px 4px #6C40DE; box-shadow:4px 4px 4px  
4px #6C40DE }
```

Background

The CSS property to change the background color of an element to Hex 6C40DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C40DE }
```

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

```
.background{ background-color:#6C40DE }
```

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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