

Converting Colors

Hex(6600CC)

Have a look what the booklet for
Hex(6600CC) contains.

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Color

Hex(6600CC)

Conversions

Conversions Part 1

Format	Color
Hex	6600CC
RGB	102, 0, 204
RGB Percent	40%, 0%, 80%
CMY	0.6000, 1.0000, 0.2000
CMYK	0.50, 1.00, 0.00, 0.20
HSL	270°, 100%, 40%
HSV	270°, 100%, 80%
XYZ	16.3786, 7.1844, 57.6502
YIQ	53.7540, -4.6920, 85.0680

Conversions

Conversions Part 2

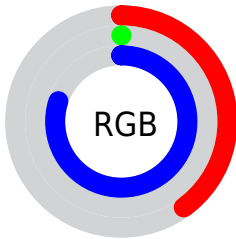
Format	Color
RYB	102, 0, 204
Decimal	6684876
CIELab	32.22, 70.38, -78.66
CIELCh	32, 105.546, 311.821
Yxy	7.1844, 0.2017, 0.0885
Android (android.graphics.Color)	4284874956 (0xFF6600CC)
YUV	53.7540, 74.0713, 42.3117
Hunter-Lab	26.8038, 62.1668, -108.7599

Details

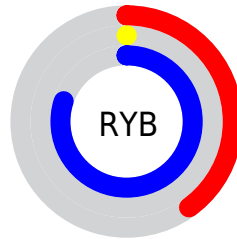
The Hex color **6600CC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **66CC00**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A34AFF**, and **1D0094** is the 20% darker color. If you saturate the color by 10%, you get **6600CC**, and if you desaturate by 10%, it is **7014CC**.

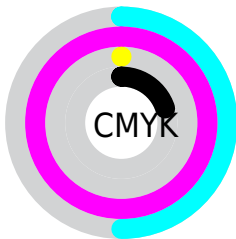
Distribution



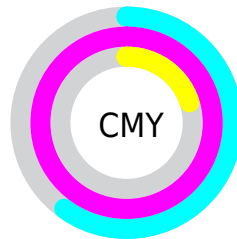
- Red (40%)
- Green (0%)
- Blue (80%)



- Red (40%)
- Yellow (0%)
- Blue (80%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6600CC 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 6600CC by changing the saturation by 10% instead.

 6600CC

 6600CC

FFFFFF

 4500B0

 A34AFF

 1D0094

 C165FF

 000079

 E081FF

 00005F

 FF9DFF

 000847

 FFBAFF

 00042F

 FFD6FF

 000119

 FFF4FF

 000000

 6600CC

 7014CC

 7A29CC

 853DCC

 8F52CC

 9966CC

 A37ACC

 AD8FCC

 B8A3CC

 C2B8CC

Harmonies

Analogous

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



0051F6



6600CC



BC0082

Triad

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



6600CC



853200



00666C

Complementary

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



6600CC



66CC00

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.



00640D



6600CC



3E5300

Square

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



6600CC



B60000



005F00



0068BD

Rectangle

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



6600CC



CD004C



005F00



00654F

Sweetspot

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



6600CC



D9B3FF



0066CC



695280



000000



808080

Same Dimension

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



6600CC



8000FF



CC00CC



615C66



5300A6



130026

Inverse Universe

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



CC0066



FF0080



00CC00



665C61



A60053



260013

Previews

White Background



This preview shows how the Hex color 6600CC looks on a white background.

Color Contrast Check

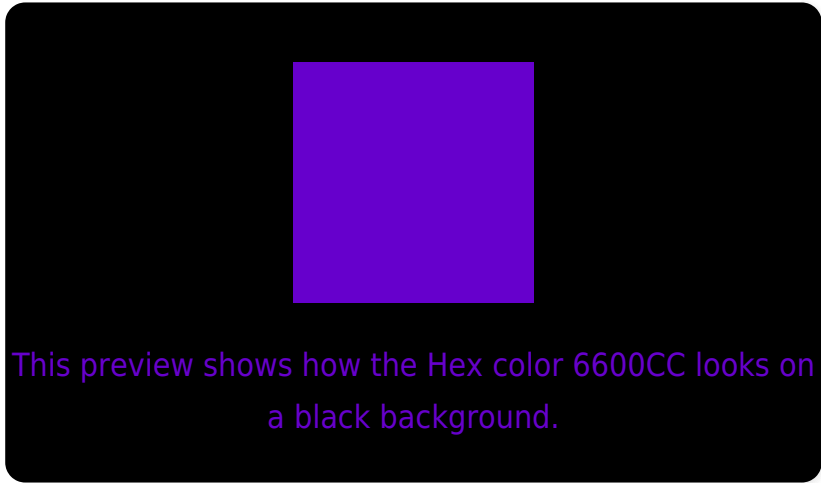
Large Text (above 18pt) WCAG AA ✓ Pass

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

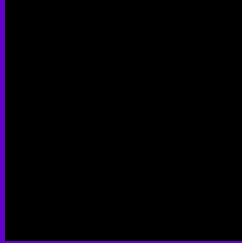
Any Text WCAG AA × Fail

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 6600CC Background



This preview shows how black text looks on a background with the Hex color 6600CC.

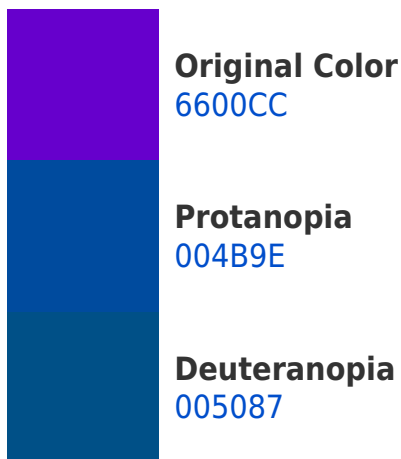


This preview shows how white text looks on a background with the Hex color 6600CC.

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
454F56

Trichromacy



Original Color
6600CC

Protanomaly
2530AF

Deuteranomaly
2533A0

Tritanomaly
513281

Monochromacy



Original Color
6600CC

Achromatopsia
363636

Achromatomaly
47226D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6600CC 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 #6600CC looks like.

```
.text, #text, p{  
    color:#6600CC  
}
```

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 #6600CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6600CC
}
```

Border

The CSS property to change the border of an element to Hex 6600CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

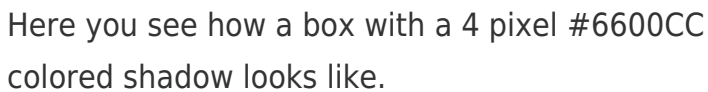
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6600CC }
```

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

```
.border{ border-color:#6600CC }
```

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



Here you see how a box with a 4 pixel #6600CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6600CC; -webkit-box-shadow:4px 4px  
4px 4px #6600CC; box-shadow:4px 4px 4px  
4px #6600CC }
```

Background

The CSS property to change the background color of an element to Hex 6600CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6600CC }
```

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

```
.background{ background-color:#6600CC }
```

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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