

Converting Colors

Hex(6600EC)

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

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Color

Hex(6600EC)

Conversions

Conversions Part 1

Format	Color
Hex	6600EC
RGB	102, 0, 236
RGB Percent	40%, 0%, 93%
CMY	0.6000, 1.0000, 0.0745
CMYK	0.57, 1.00, 0.00, 0.07
HSL	266°, 100%, 46%
HSV	266°, 100%, 93%
XYZ	20.6198, 8.8809, 79.9843
YIQ	57.4020, -14.9640, 95.0200

Conversions

Conversions Part 2

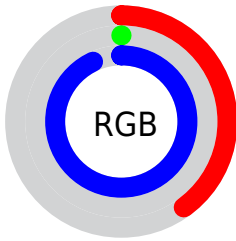
Format	Color
R_{YB}	102, 0, 236
Decimal	6684908
CIE _{Lab}	35.75, 77.36, -91.23
CIE _{LCh}	36, 119.611, 310.297
Yxy	8.8809, 0.1883, 0.0811
Android (android.graphics.Color)	4284874988 (0xFF6600EC)
YUV	57.4020, 88.0488, 39.1124
Hunter-Lab	29.8009, 71.3563, -138.2714

Details

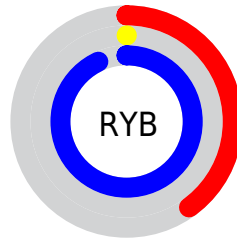
The Hex color **6600EC** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **86EC00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A74DFF**, and **0000B2** is the 20% darker color. If you saturate the color by 10%, you get **6600EC**, and if you desaturate by 10%, it is **7318EC**.

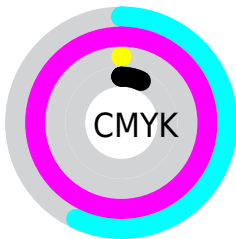
Distribution



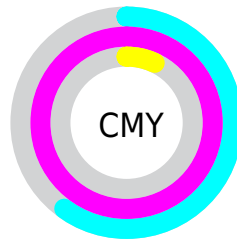
- Red (40%)
- Green (0%)
- Blue (93%)



- Red (40%)
- Yellow (0%)
- Blue (93%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (60%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 6600EC

 6600EC

FFFFFF

 4100CF

 A74DFF

 0000B2

 C769FF

 000097

 E686FF

 00007C

 FFA2FF

 000361

 FFBFFF

 000848

 FFD0FF

 000431

 FFF9FF

 00011B

 000000

 6600EC

 7318EC

 812FEC

 8E47EC

 9C5EEC

 A976EC

 B68EEC

 C4A5EC

 D1BDEC

 DFD4EC

Harmonies

Analogous

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



005DFF



6600EC



D30097

Triad

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



6600EC



983200



007175

Complementary

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



6600EC



86EC00

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.



006E00



6600EC



485C00

Square

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



6600EC



D00000



006A00



0074D3

Rectangle

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



6600EC



E80059



006A00



007053

Sweetspot

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



6600EC



D4B3FF



008AEC



655280



000000



808080

Same Dimension

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



6600EC



6E00FF



D800EC



6F6A75



4E00B5



170036

Inverse Universe

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



EC0086



FF0091



14EC00



756A70



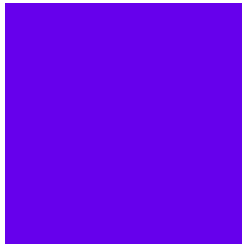
B50067



36001E

Previews

White Background



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

Color Contrast Check

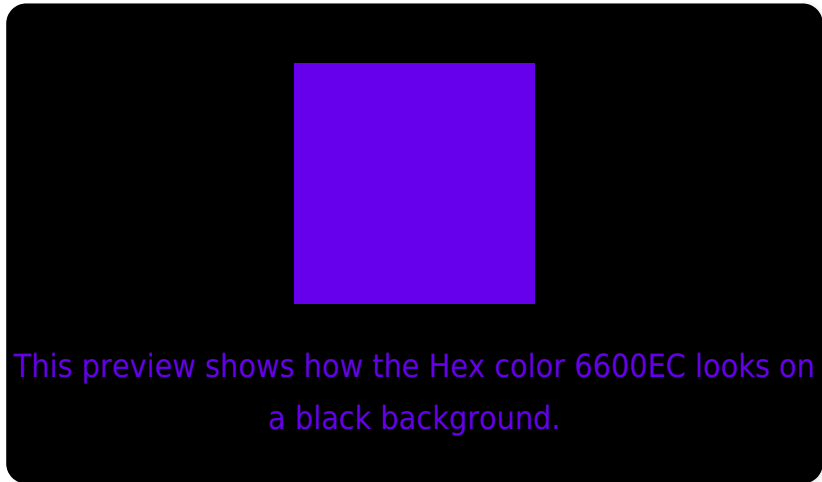
Large Text (above 18pt) WCAG AA ✓ Pass

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 6600EC Background



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

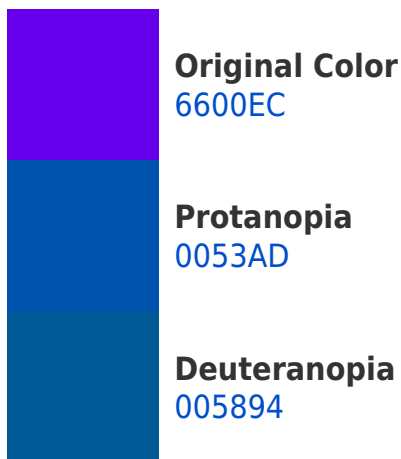



This preview shows how white text looks on a background with the Hex color 6600EC.

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
325C63

Trichromacy



Original Color
6600EC

Protanomaly
2535C4

Deuteranomaly
2538B4

Tritanomaly
453B95

Monochromacy



Original Color
6600EC

Achromatopsia
393939

Achromatomaly
49247A

CSS Examples

Text

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

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

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 #6600EC colored shadow looks like.

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

Border

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

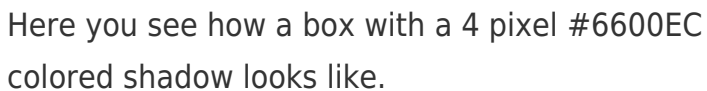
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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