

Converting Colors

Hex(6680EE)

Have a look what the booklet for
Hex(6680EE) contains.

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Color

Hex(6680EE)

Conversions

Conversions Part 1

Format	Color
Hex	6680EE
RGB	102, 128, 238
RGB Percent	40%, 50%, 93%
CMY	0.6000, 0.4980, 0.0667
CMYK	0.57, 0.46, 0.00, 0.07
HSL	229°, 80%, 67%
HSV	229°, 57%, 93%
XYZ	28.6313, 24.4362, 84.0965
YIQ	132.7660, -50.8060, 28.6980

Conversions

Conversions Part 2

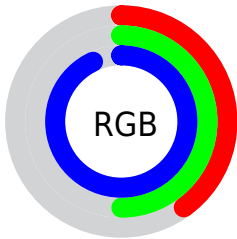
Format	Color
R _Y B	102, 124, 238
Decimal	6717678
CIE Lab	56.52, 22.58, -58.46
CIE LCh	57, 62.671, 291.118
Yxy	24.4362, 0.2087, 0.1782
Android (android.graphics.Color)	4284907758 (0xFF6680EE)
YUV	132.7660, 51.8804, -26.9818
Hunter-Lab	49.4330, 16.8785, -66.2625

Details

The Hex color **6680EE** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EED466**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A2B4FF**, and **1E4FB5** is the 20% darker color. If you saturate the color by 10%, you get **4E6DEE**, and if you desaturate by 10%, it is **7E93EE**.

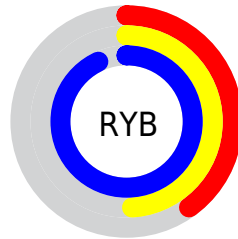
Distribution



Red (40%)

Green (50%)

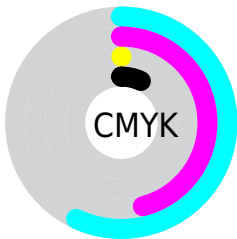
Blue (93%)



Red (40%)

Yellow (49%)

Blue (93%)

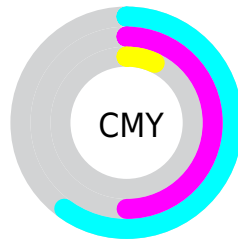


Cyan (57%)

Magenta (46%)

Yellow (0%)

Black (7%)



Cyan (60%)

Magenta (50%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6680EE 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 6680EE by changing the saturation by 10% instead.

 6680EE

 6680EE

FFFFFF

 4667D1

 A2B4FF

 1E4FB5

 C0D0FF

 00399A

 DEECFF

 00247F

 FCFFFF

 001266

 00044D

 000535

 00021F

 000002

■ 6680EE

■ 6680EE

■ 4E6DEE

■ 7E93EE

■ 365AEE

■ 96A7EE

■ 1F46EE

■ ADBAEE

■ 0733EE

■ C5CDEE

■ 002EEE

■ DDE0EE

■ F5F3EE

■ FFFFEE

Harmonies

Analogous

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



0093F4



6680EE



B967CD

Triad

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



6680EE



D56832



00A075

Complementary

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



6680EE



EED466

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.



349B3E



6680EE



B07F02

Square

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



6680EE



E85464



7D900A



00A1AD

Rectangle

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



6680EE



D858AC



7D900A



009F62

Sweetspot

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



6680EE



D4DCFF



66EED3



666B80



000000



808080

Same Dimension

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



6680EE



4F71FF



8F66EE



6C6E78



0023B8



000B38

Inverse Universe

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



EE6680



FF4F71



C5EE66



786C6E



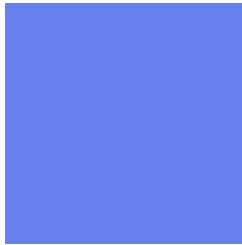
B80023



38000B

Previews

White Background



This preview shows how the Hex color 6680EE looks on a white background.

Color Contrast Check

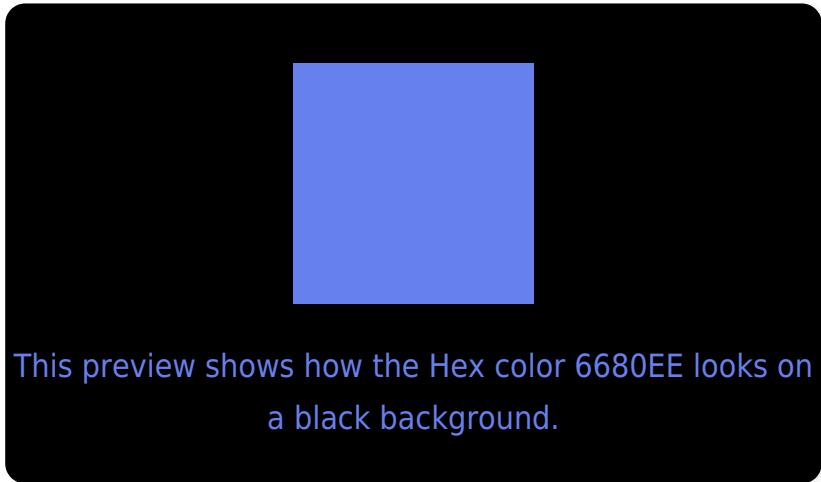
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6680EE Background



This preview shows how black text looks on a background with the Hex color 6680EE.



This preview shows how white text looks on a background with the Hex color 6680EE.

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
46929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6680EE 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 #6680EE looks like.

```
.text, #text, p{  
    color:#6680EE  
}
```

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 #6680EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6680EE
}
```

Border

The CSS property to change the border of an element to Hex 6680EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

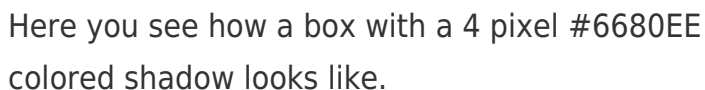
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6680EE }
```

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

```
.border{ border-color:#6680EE }
```

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



Here you see how a box with a 4 pixel #6680EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6680EE; -webkit-box-shadow:4px 4px  
4px 4px #6680EE; box-shadow:4px 4px 4px  
4px #6680EE }
```

Background

The CSS property to change the background color of an element to Hex 6680EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6680EE }
```

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

```
.background{ background-color:#6680EE }
```

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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