

Converting Colors

Hex(6760EA)

Have a look what the booklet for
Hex(6760EA) contains.

Hex(6760EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6760EA)

Conversions

Conversions Part 1

Format	Color
Hex	6760EA
RGB	103, 96, 234
RGB Percent	40%, 38%, 92%
CMY	0.5961, 0.6235, 0.0824
CMYK	0.56, 0.59, 0.00, 0.08
HSL	243°, 77%, 65%
HSV	243°, 59%, 92%
XYZ	24.6277, 17.1898, 79.8618
YIQ	113.8250, -40.1260, 44.4020

Conversions

Conversions Part 2

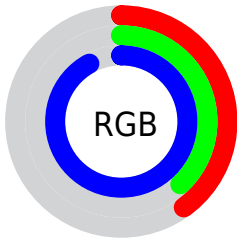
Format	Color
R_{YB}	103, 96, 234
Decimal	6775018
CIE _{Lab}	48.50, 40.75, -69.16
CIE _{LCh}	48, 80.275, 300.507
Yxy	17.1898, 0.2024, 0.1413
Android (android.graphics.Color)	4284965098 (0xFF6760EA)
YUV	113.8250, 59.2463, -9.4935
Hunter-Lab	41.4606, 33.4732, -85.1826

Details

The Hex color **6760EA** is a dark color, and the websafe version is hex **6666FF**. A complement of this color would be **E3EA60**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A493FF**, and **1D31B1** is the 20% darker color. If you saturate the color by 10%, you get **5149EA**, and if you desaturate by 10%, it is **7D77EA**.

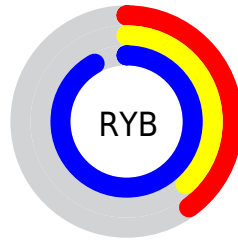
Distribution



Red (40%)

Green (38%)

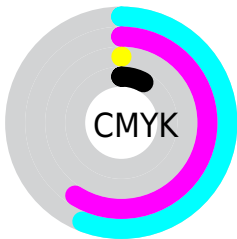
Blue (92%)



Red (40%)

Yellow (38%)

Blue (92%)

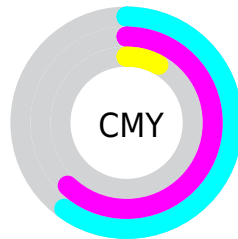


Cyan (56%)

Magenta (59%)

Yellow (0%)

Black (8%)



Cyan (60%)

Magenta (62%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6760EA 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 6760EA by changing the saturation by 10% instead.

■ 6760EA

■ 6760EA

FFFFFF

■ 4748CD

■ A493FF

■ 1D31B1

■ C2AEFF

■ 001B96

■ E0C9FF

■ 00087B

■ FEE5FF

■ 000061

■ 000848

■ 000431

■ 00011B

■ 000000

■ 6760EA

■ 6760EA

■ 5149EA

■ 7D77EA

■ 3B31EA

■ 938FEA

■ 241AEA

■ AAA6EA

■ 0E02EA

■ C0BEEA

■ 0C00EA

■ D6D5EA

■ ECECEA

■ FFFFEA

Harmonies

Analogous

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



007CFD



6760EA



C232B7

Triad

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



6760EA



BF5300



008F73

Complementary

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



6760EA



E3EA60

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.



008B29



6760EA



8B7100

Square

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



6760EA



E02233



458200



008FB7

Rectangle

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



6760EA



DE008C



458200



008E5B

Sweetspot

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



6760EA



D3D1FF



60E3EA



656380



000000



808080

Same Dimension

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



6760EA



534AFF



AC60EA



6A6A75



0900B5



030036

Inverse Universe

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



EA60E3



FF4AF6



9EEA60



756A75



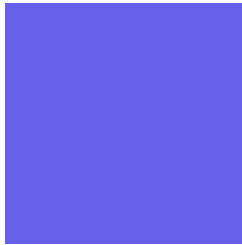
B500AC



360033

Previews

White Background



This preview shows how the Hex color 6760EA looks on a white background.

Color Contrast Check

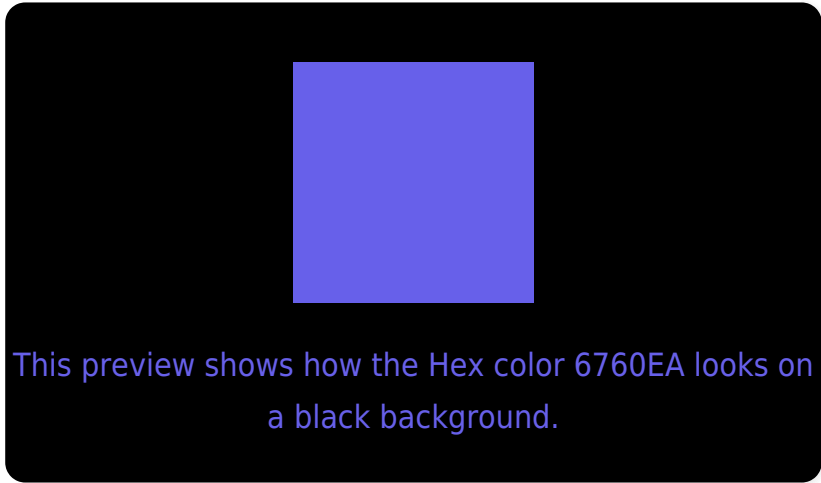
Large Text (above 18pt) WCAG AA ✓ Pass

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 6760EA Background



This preview shows how black text looks on a background with the Hex color 6760EA.

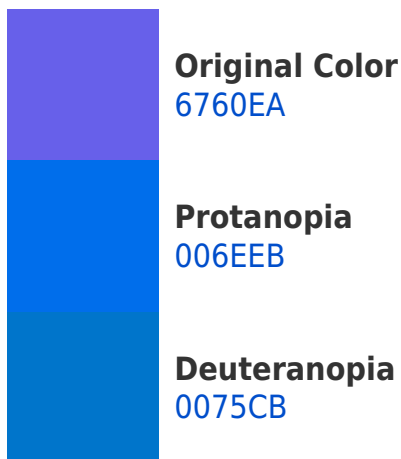


This preview shows how white text looks on a background with the Hex color 6760EA.

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](#).

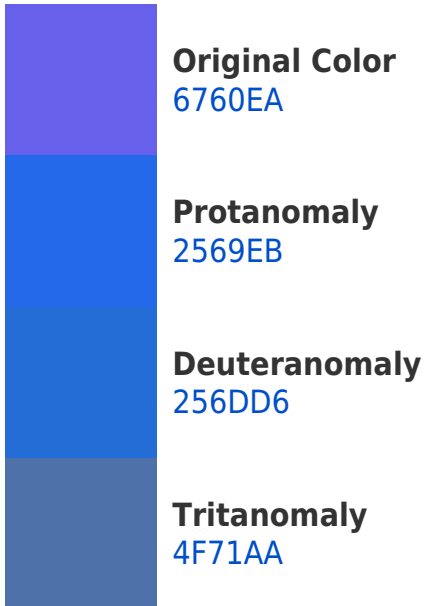
Dichromacy





Tritanopia
417B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6760EA 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 #6760EA looks like.

```
.text, #text, p{  
    color:#6760EA  
}
```

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 #6760EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6760EA
}
```

Border

The CSS property to change the border of an element to Hex 6760EA 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
#6760EA }
```

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

```
.border{ border-color:#6760EA }
```

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

Here you see how a box with a 4 pixel #6760EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6760EA; -webkit-box-shadow:4px 4px  
4px 4px #6760EA; box-shadow:4px 4px 4px  
4px #6760EA }
```

Background

The CSS property to change the background color of an element to Hex 6760EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6760EA }
```

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

```
.background{ background-color:#6760EA }
```

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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