

Converting Colors

Hex(690ED0)

Have a look what the booklet for
Hex(690ED0) contains.

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Color

Hex(690ED0)

Conversions

Conversions Part 1

Format	Color
Hex	690ED0
RGB	105, 14, 208
RGB Percent	41%, 5%, 82%
CMY	0.5882, 0.9451, 0.1843
CMYK	0.50, 0.93, 0.00, 0.18
HSL	268°, 87%, 44%
HSV	268°, 93%, 82%
XYZ	17.3679, 7.8714, 60.2784
YIQ	63.3250, -8.0380, 79.6260

Conversions

Conversions Part 2

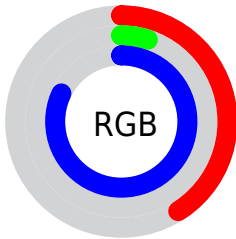
Format	Color
R_{YB}	105, 14, 208
Decimal	6885072
CIE _{Lab}	33.71, 69.45, -78.51
CIE _{LCh}	34, 104.817, 311.496
Yxy	7.8714, 0.2031, 0.0920
Android (android.graphics.Color)	4285075152 (0xFF690ED0)
YUV	63.3250, 71.3248, 36.5490
Hunter-Lab	28.0560, 61.4013, -107.7456

Details

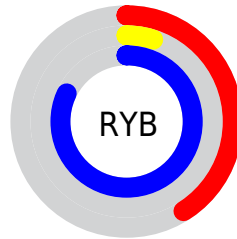
The Hex color **690ED0** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **75D00E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A64FFF**, and **220098** is the 20% darker color. If you saturate the color by 10%, you get **6200D0**, and if you desaturate by 10%, it is **7423D0**.

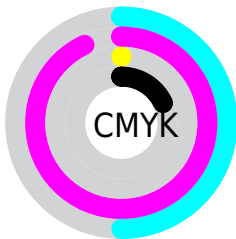
Distribution



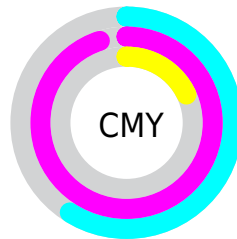
- Red (41%)
- Green (5%)
- Blue (82%)



- Red (41%)
- Yellow (5%)
- Blue (82%)



- Cyan (50%)
- Magenta (93%)
- Yellow (0%)
- Black (18%)



- Cyan (59%)
- Magenta (95%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 690ED0 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 690ED0 by changing the saturation by 10% instead.

690ED0

690ED0

FFFFFF

4900B4

A64FFF

220098

C46BFF

00007D

E386FF

000063

FFA2FF

00094A

FFBFFF

000432

FFDCFF

00021C

FFF9FF

000000

690ED0

690ED0

6200D0

7423D0

7F38D0

8A4CD0

9561D0

A076D0

AB8BD0

B6A0D0

C1B4D0

CCC9D0

Harmonies

Analogous

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



0054FA



690ED0



C00086

Triad

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



690ED0



8A3500



006A6F

Complementary

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



690ED0



75D00E

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.



006810



690ED0



445700

Square

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



690ED0



BB0000



006300



006CBF

Rectangle

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



690ED0



D10050



006300



006952

Sweetspot

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



690ED0



D9B8FF



0E75D0



685480



000000



808080

Same Dimension

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



690ED0



7800FF



CA0ED0



635E69



4F00A8



130029

Inverse Universe

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



D00E75



FF0087



14D00E



695E64



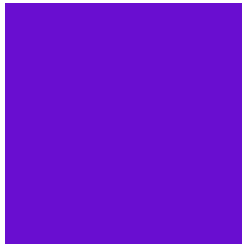
A80059



290016

Previews

White Background



This preview shows how the Hex color 690ED0 looks on a white background.

Color Contrast Check

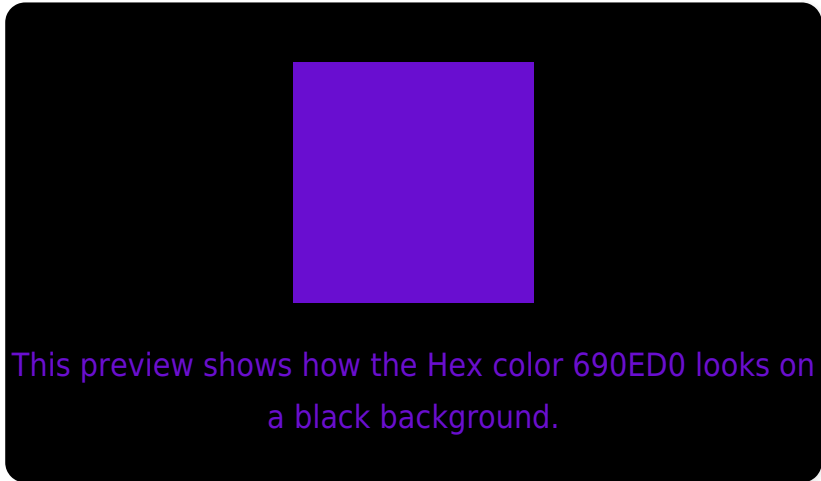
Large Text (above 18pt) WCAG AA ✓ Pass

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

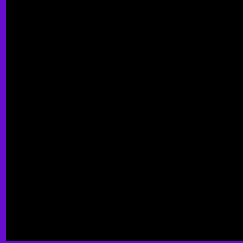
Any Text WCAG AA × Fail

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 690ED0 Background



This preview shows how black text looks on a background with the Hex color 690ED0.



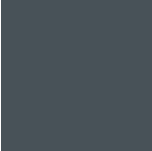
This preview shows how white text looks on a background with the Hex color 690ED0.

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
485258

Trichromacy



Original Color
690ED0



Protanomaly
2637B3



Deuteranomaly
263AA5



Tritanomaly
543984

Monochromacy



Original Color
690ED0



Achromatopsia
3F3F3F



Achromatomaly
4E2D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 690ED0 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 #690ED0 looks like.

```
.text, #text, p{  
    color:#690ED0  
}
```

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 #690ED0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #690ED0
}
```

Border

The CSS property to change the border of an element to Hex 690ED0 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
#690ED0 }
```

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

```
.border{ border-color:#690ED0 }
```

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

Here you see how a box with a 4 pixel #690ED0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #690ED0; -webkit-box-shadow:4px 4px  
4px 4px #690ED0; box-shadow:4px 4px 4px  
4px #690ED0 }
```

Background

The CSS property to change the background color of an element to Hex 690ED0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#690ED0 }
```

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

```
.background{ background-color:#690ED0 }
```

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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