

Converting Colors

Hex(706EE8)

Have a look what the booklet for
Hex(706EE8) contains.

Hex(706EE8)	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(706EE8)

Conversions

Conversions Part 1

Format	Color
Hex	706EE8
RGB	112, 110, 232
RGB Percent	44%, 43%, 91%
CMY	0.5608, 0.5686, 0.0902
CMYK	0.52, 0.53, 0.00, 0.09
HSL	241°, 73%, 67%
HSV	241°, 53%, 91%
XYZ	26.8235, 20.4228, 78.8722
YIQ	124.5060, -37.9700, 38.3660

Conversions

Conversions Part 2

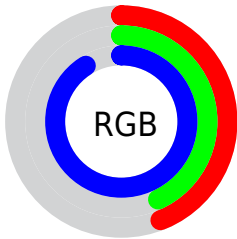
Format	Color
R_{YB}	112, 110, 232
Decimal	7368424
CIE _{Lab}	52.31, 33.52, -61.84
CIE _{LCh}	52, 70.339, 298.459
Yxy	20.4228, 0.2127, 0.1619
Android (android.graphics.Color)	4285558504 (0xFF706EE8)
YUV	124.5060, 52.9945, -10.9678
Hunter-Lab	45.1916, 26.8635, -71.8438

Details

The Hex color **706EE8** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E6E86E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ABA2FF**, and **303EAF** is the 20% darker color. If you saturate the color by 10%, you get **5957E8**, and if you desaturate by 10%, it is **8785E8**.

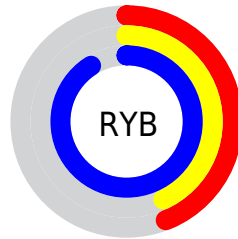
Distribution



Red (44%)

Green (43%)

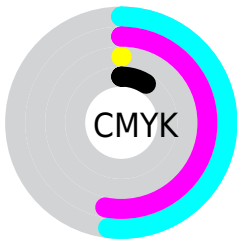
Blue (91%)



Red (44%)

Yellow (43%)

Blue (91%)

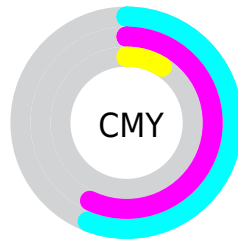


Cyan (52%)

Magenta (53%)

Yellow (0%)

Black (9%)



Cyan (56%)

Magenta (57%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 706EE8 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 706EE8 by changing the saturation by 10% instead.

 706EE8

 706EE8

FFFFFF

 5256CB

 ABA2FF

 303EAF

 C8BDFF

 002894

 E6D9FF

 00147A

 FFF5FF

 000060

 000847

 000430

 00011A

 000000

 706EE8

 706EE8

 5957E8


 8785E8

 4240E8

 9E9CE8

 2C28E8

 B4B4E8

 1511E8

 CBCBE8

 0400E8

 E2E2E8

 F9F9E8

 FFFFE8

Harmonies

Analogous

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



0085F7



706EE8



C14EBD

Triad

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



706EE8



C76005



009778

Complementary

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



706EE8



E6E86E

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.



009338



706EE8



997900

Square

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



706EE8



E24147



5E8A00



0097B5

Rectangle

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



706EE8



DC3A97



5E8A00



009663

Sweetspot

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



706EE8



D7D6FF



6EE8E8



686780



000000



808080

Same Dimension

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



706EE8



615EFF



AB6EE8



676773



0300B3



010033

Inverse Universe

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



E86EE6



FF5EFC



ABE86E



736773



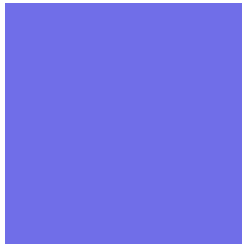
B300B0



330032

Previews

White Background



This preview shows how the Hex color 706EE8 looks on a white background.

Color Contrast Check

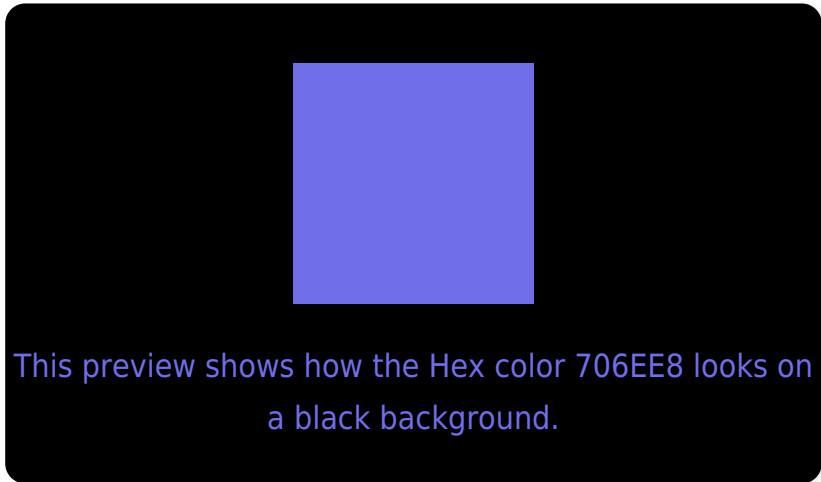
Large Text (above 18pt) WCAG AA ✓ Pass

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 706EE8 Background



This preview shows how black text looks on a background with the Hex color 706EE8.




This preview shows how white text looks on a background with the Hex color 706EE8.

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
53848F

Trichromacy



Original Color
706EE8



Protanomaly
4974EF



Deuteranomaly
2979E3



Tritanomaly
5E7CAF

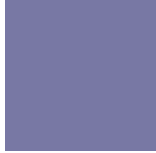
Monochromacy



Original Color
706EE8



Achromatopsia
7D7D7D



Achromatomaly
7878A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 706EE8 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 #706EE8 looks like.

```
.text, #text, p{  
    color:#706EE8  
}
```

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 #706EE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706EE8 }  
}
```

Border

The CSS property to change the border of an element to Hex 706EE8 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".

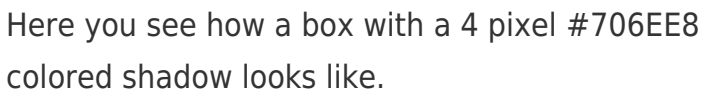
```
.border, #border, table{ border:4px solid #706EE8 }  
}
```

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

```
.border{ border-color:#706EE8 }
```

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

Here you see how a box with a 4 pixel #706EE8 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706EE8; -webkit-box-shadow:4px 4px  
4px 4px #706EE8; box-shadow:4px 4px 4px  
4px #706EE8 }
```

Background

The CSS property to change the background color of an element to Hex 706EE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706EE8 }
```

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

```
.background{ background-color:#706EE8 }
```

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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