

Converting Colors

Hex(725EEC)

Have a look what the booklet for
Hex(725EEC) contains.

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Color

Hex(725EEC)

Conversions

Conversions Part 1

Format	Color
Hex	725EEC
RGB	114, 94, 236
RGB Percent	45%, 37%, 93%
CMY	0.5529, 0.6314, 0.0745
CMYK	0.52, 0.60, 0.00, 0.07
HSL	248°, 79%, 65%
HSV	248°, 60%, 93%
XYZ	26.0825, 17.6389, 81.3868
YIQ	116.1680, -33.6620, 48.4020

Conversions

Conversions Part 2

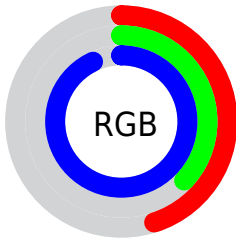
Format	Color
R _Y B	114, 94, 236
Decimal	7495404
CIE Lab	49.06, 44.51, -69.34
CIE LCh	49, 82.398, 302.694
Yxy	17.6389, 0.2085, 0.1410
Android (android.graphics.Color)	4285685484 (0xFF725EEC)
YUV	116.1680, 59.0772, -1.9013
Hunter-Lab	41.9987, 37.3560, -85.4954

Details

The Hex color **725EEC** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **D8EC5E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **AE91FF**, and **302EB3** is the 20% darker color. If you saturate the color by 10%, you get **5E46EC**, and if you desaturate by 10%, it is **8676EC**.

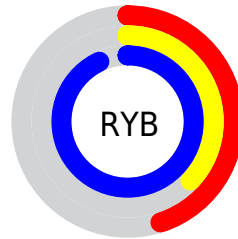
Distribution



Red (45%)

Green (37%)

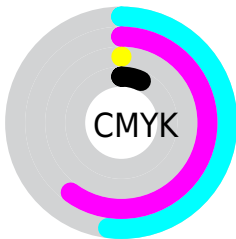
Blue (93%)



Red (45%)

Yellow (37%)

Blue (93%)

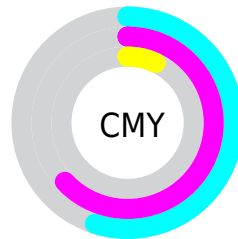


Cyan (52%)

Magenta (60%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (63%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 725EEC 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 725EEC by changing the saturation by 10% instead.

 725EEC

 725EEC

FFFFFF

 5346CF

 AE91FF

 302EB3

 CCACFF

 001898

 EAC8FF

 00037D

 FFE4FF

 000063

 00094A

 000432

 00021C

 000000

 725EEC

 725EEC

 5E46EC

 8676EC

 492FEC

 9B8DEC

 3517EC

 AFA5EC

 2100EC

 C3BCEC

 D7D4EC

 ECECEC

 FFFFEC

Harmonies

Analogous

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



007CFF



725EEC



CA2BB6

Triad

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



725EEC



BF5600



009179

Complementary

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



725EEC



D8EC5E

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.



008D2E



725EEC



897400

Square

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



725EEC



E2242D



3D8500



0091BF

Rectangle

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



725EEC



E40089



3D8500



009061

Sweetspot

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



725EEC



D8D1FF



5ED9EC



676380



000000



808080

Same Dimension

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



725EEC



6147FF



B85EEC



6B6A75



1900B5



080036

Inverse Universe

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



EC5ED8



FF47E5



92EC5E



756A74



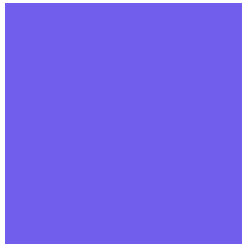
B5009C



36002E

Previews

White Background



This preview shows how the Hex color 725EEC looks on a white background.

Color Contrast Check

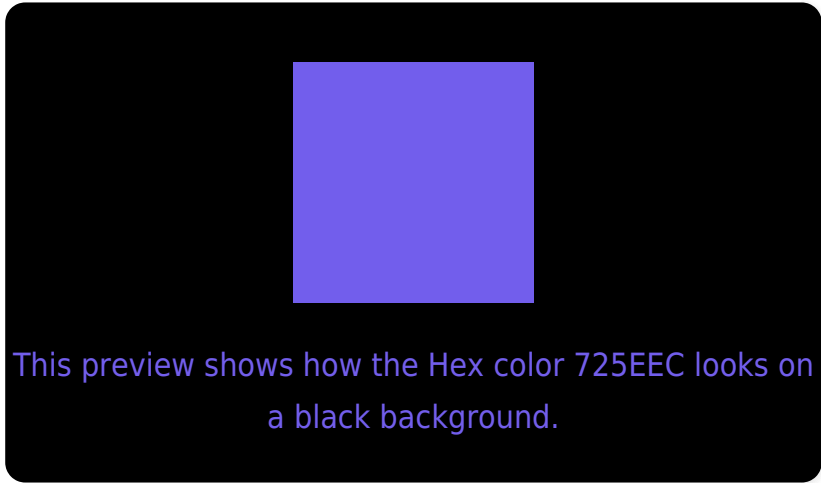
Large Text (above 18pt) WCAG AA ✓ Pass

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

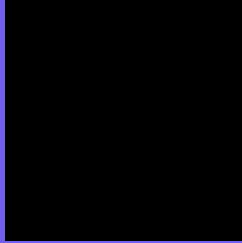
Any Text WCAG AA ✓ Pass

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 725EEC Background



This preview shows how black text looks on a background with the Hex color 725EEC.



This preview shows how white text looks on a background with the Hex color 725EEC.

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](#).

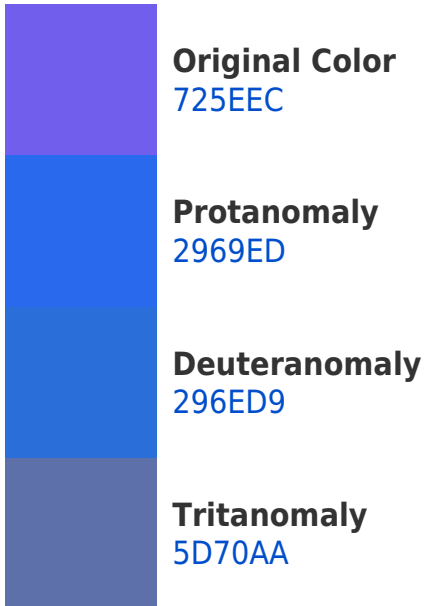
Dichromacy



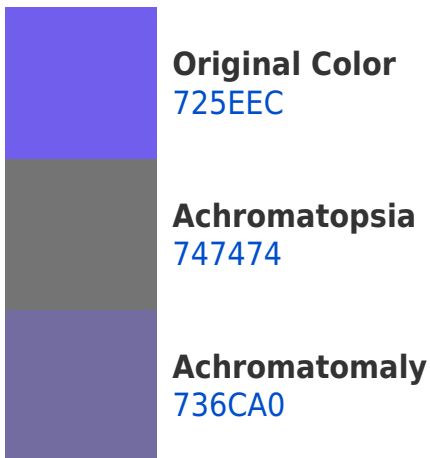


Tritanopia
517B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 725EEC 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 #725EEC looks like.

```
.text, #text, p{  
    color:#725EEC  
}
```

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 #725EEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #725EEC
}
```

Border

The CSS property to change the border of an element to Hex 725EEC 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
#725EEC }
```

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

```
.border{ border-color:#725EEC }
```

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

Here you see how a box with a 4 pixel #725EEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #725EEC; -webkit-box-shadow:4px 4px  
4px 4px #725EEC; box-shadow:4px 4px 4px  
4px #725EEC }
```

Background

The CSS property to change the background color of an element to Hex 725EEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#725EEC }
```

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

```
.background{ background-color:#725EEC }
```

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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