

Converting Colors

Hex(766EC8)

Have a look what the booklet for
Hex(766EC8) contains.

Hex(766EC8)	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(766EC8)

Conversions

Conversions Part 1

Format	Color
Hex	766EC8
RGB	118, 110, 200
RGB Percent	46%, 43%, 78%
CMY	0.5373, 0.5686, 0.2157
CMYK	0.41, 0.45, 0.00, 0.22
HSL	245°, 45%, 61%
HSV	245°, 45%, 78%
XYZ	23.4725, 19.1735, 57.1073
YIQ	122.6520, -24.1220, 29.6860

Conversions

Conversions Part 2

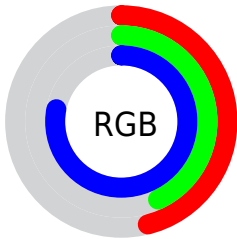
Format	Color
R_{YB}	118, 110, 200
Decimal	7761608
CIE _{Lab}	50.89, 25.38, -45.96
CIE _{LCh}	51, 52.504, 298.906
Yxy	19.1735, 0.2353, 0.1922
Android (android.graphics.Color)	4285951688 (0xFF766EC8)
YUV	122.6520, 38.1326, -4.0798
Hunter-Lab	43.7876, 19.0571, -46.6740

Details

The Hex color **766EC8** is a dark color, and the websafe version is hex **6666CC**, and the color name is **violet-blue (crayola)**. A complement of this color would be **C0C86E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AEA2FF**, and **3F3E91** is the 20% darker color. If you saturate the color by 10%, you get **645AC8**, and if you desaturate by 10%, it is **8882C8**.

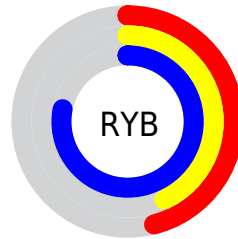
Distribution



Red (46%)

Green (43%)

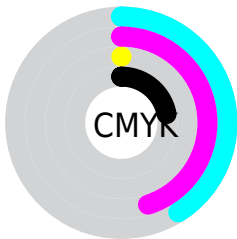
Blue (78%)



Red (46%)

Yellow (43%)

Blue (78%)

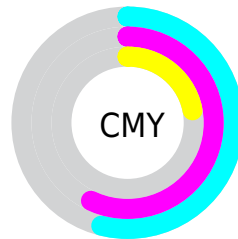


Cyan (41%)

Magenta (45%)

Yellow (0%)

Black (22%)



Cyan (54%)

Magenta (57%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766EC8 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 766EC8 by changing the saturation by 10% instead.

766EC8

766EC8

FFFFFF

5B56AC

AEA2FF

3F3E91

CABDFF

222877

E7D9FF

00145E

FFF5FF

000046

00042E

000119

000000

766EC8

766EC8

■ 645AC8

■ 8882C8

■ 5246C8

■ 9A96C8

■ 3F32C8

■ ADAAC8

■ 2D1EC8

■ BFBEC8

■ 1B0AC8

■ D1D2C8

■ 1200C8

■ E3E6C8

■ F6FAC8

■ FFFC8

Harmonies

Analogous

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



007FD3



766EC8



AE5AA8

Triad

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



766EC8



B4652B



008E76

Complementary

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



766EC8



C0C86E

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.



1F8B49



766EC8



917614

Square

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



766EC8



C85451



658323



008EA3

Rectangle

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



766EC8



C2518C



658323



008D66

Sweetspot

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



766EC8



DEDBFF



6EC1C8



6C6A80



000000



808080

Same Dimension

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



766EC8



8275FF



A36EC8



5A5A63



0F00A3



030024

Inverse Universe

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



C86EC0



FF75F3



94C86E



635A63



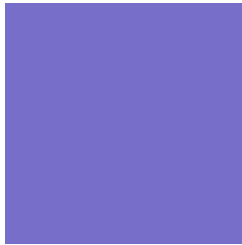
A30095



240021

Previews

White Background



This preview shows how the Hex color 766EC8 looks on a white background.

Color Contrast Check

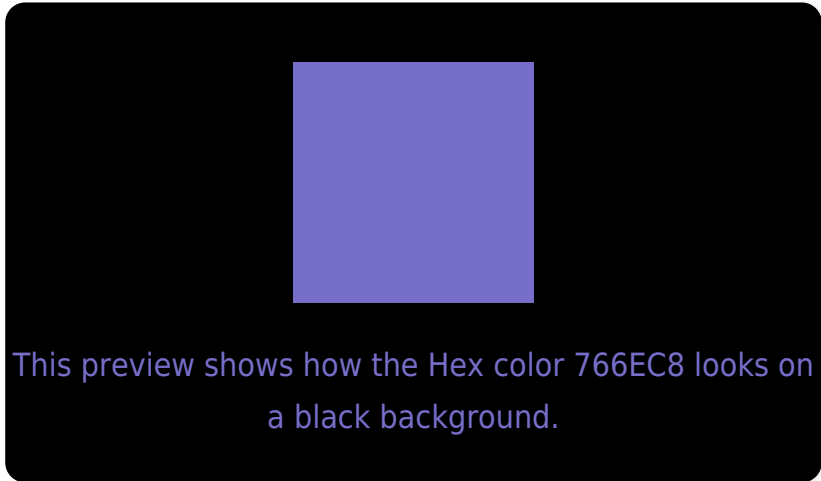
Large Text (above 18pt) WCAG AA ✓ Pass

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 766EC8 Background



This preview shows how black text looks on a background with the Hex color 766EC8.

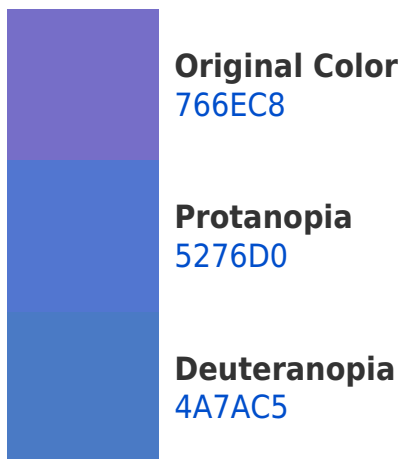


This preview shows how white text looks on a background with the Hex color 766EC8.

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](#).

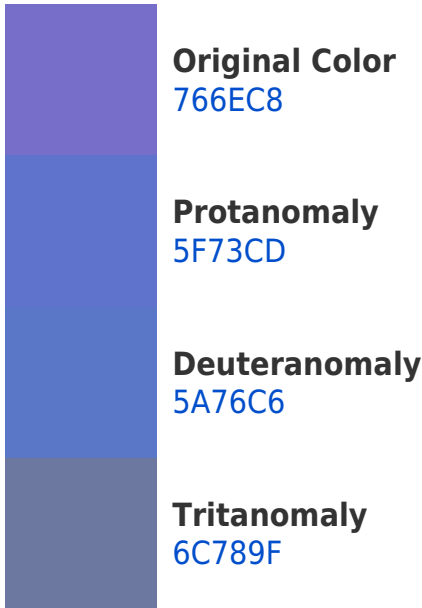
Dichromacy





Tritanopia
667D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 766EC8 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 #766EC8 looks like.

```
.text, #text, p{  
    color:#766EC8  
}
```

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 #766EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766EC8
}
```

Border

The CSS property to change the border of an element to Hex 766EC8 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
#766EC8 }
```

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

```
.border{ border-color:#766EC8 }
```

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

Here you see how a box with a 4 pixel #766EC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766EC8; -webkit-box-shadow:4px 4px  
4px 4px #766EC8; box-shadow:4px 4px 4px  
4px #766EC8 }
```

Background

The CSS property to change the background color of an element to Hex 766EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766EC8 }
```

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

```
.background{ background-color:#766EC8 }
```

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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