

Converting Colors

Hex(756CE6)

Have a look what the booklet for
Hex(756CE6) contains.

Hex(756CE6)	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>	28

Color

Hex(756CE6)

Conversions

Conversions Part 1

Format	Color
Hex	756CE6
RGB	117, 108, 230
RGB Percent	46%, 42%, 90%
CMY	0.5412, 0.5765, 0.0980
CMYK	0.49, 0.53, 0.00, 0.10
HSL	244°, 71%, 66%
HSV	244°, 53%, 90%
XYZ	26.9816, 20.2202, 77.3437
YIQ	124.5990, -33.7980, 39.8500

Conversions

Conversions Part 2

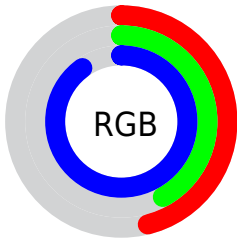
Format	Color
R_{YB}	117, 108, 230
Decimal	7695590
CIE _{Lab}	52.09, 35.14, -61.06
CIE _{LCh}	52, 70.451, 299.918
Yxy	20.2202, 0.2166, 0.1624
Android (android.graphics.Color)	4285885670 (0xFF756CE6)
YUV	124.5990, 51.9627, -6.6643
Hunter-Lab	44.9669, 28.4138, -70.5029

Details

The Hex color **756CE6** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DDE66C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **AFA0FF**, and **383CAE** is the 20% darker color. If you saturate the color by 10%, you get **6055E6**, and if you desaturate by 10%, it is **8A83E6**.

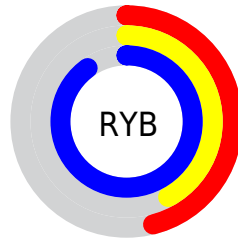
Distribution



Red (46%)

Green (42%)

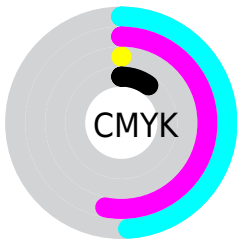
Blue (90%)



Red (46%)

Yellow (42%)

Blue (90%)

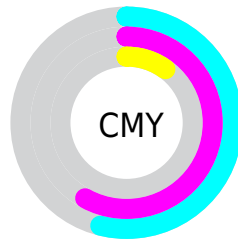


Cyan (49%)

Magenta (53%)

Yellow (0%)

Black (10%)



Cyan (54%)

Magenta (58%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 756CE6 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 756CE6 by changing the saturation by 10% instead.

 756CE6

 756CE6

FFFFFF

 5754C9

 AFA0FF

 383CAE

 CDBBFF

 082692

 EBD7FF

 001278

 FFF3FF

 00005E

 000746

 00042E

 000119

 000000

■ 756CE6

■ 756CE6

■ 6055E6

■ 8A83E6

■ 4A3EE6

■ A09AE6

■ 3527E6

■ B5B1E6

■ 2010E6

■ CAC8E6

■ 1100E6

■ E0DFE6

■ F5F6E6

■ FFFFE6

Harmonies

Analogous

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



0084F6



756CE6



C34CBA

Triad

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



756CE6



C46100



00967A

Complementary

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



756CE6



DDE66C

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.



00933B



756CE6



967A00

Square

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



756CE6



E14244



5A8A00



0096B7

Rectangle

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



756CE6



DC3893



5A8A00



009665

Sweetspot

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



756CE6



D9D6FF



6CDEE6



696780



000000



808080

Same Dimension

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



756CE6



685CFF



B16CE6



686773



0D00B3



040033

Inverse Universe

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



E66CDD



FF5CF3



A1E66C



736772



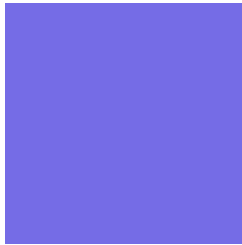
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 756CE6 looks on a white background.

Color Contrast Check

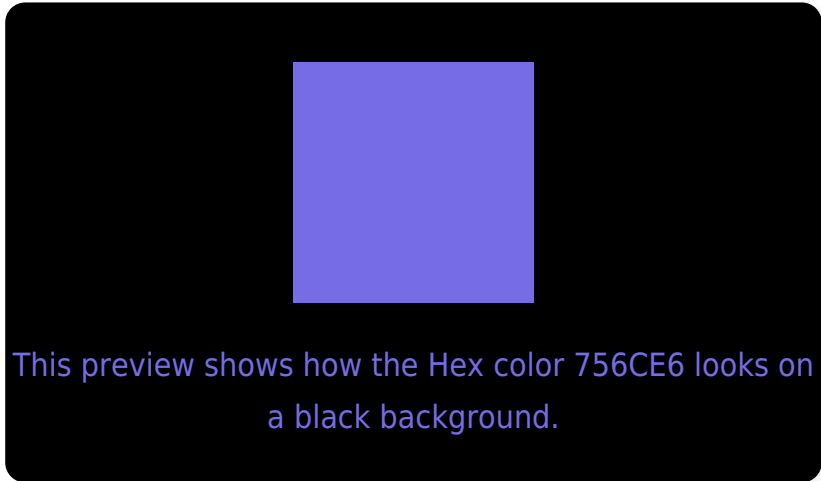
Large Text (above 18pt) WCAG AA ✓ Pass

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

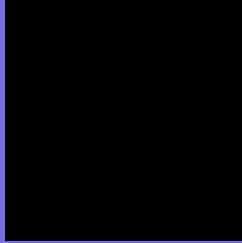
Any Text WCAG AA ✓ Pass

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 756CE6 Background



This preview shows how black text looks on a background with the Hex color 756CE6.



This preview shows how white text looks on a background with the Hex color 756CE6.

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



Trichromacy



Original Color
756CE6

Protanomaly
4A74EE

Tritanomaly
647AAD

Monochromacy



Original Color
756CE6

Achromatopsia
7D7D7D

Achromatomaly
7A77A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 756CE6 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 #756CE6 looks like.

```
.text, #text, p{  
    color:#756CE6  
}
```

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 #756CE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756CE6
}
```

Border

The CSS property to change the border of an element to Hex 756CE6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

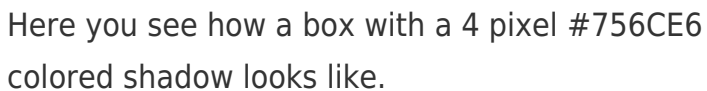
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#756CE6 }
```

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

```
.border{ border-color:#756CE6 }
```

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



Here you see how a box with a 4 pixel #756CE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756CE6; -webkit-box-shadow:4px 4px  
4px 4px #756CE6; box-shadow:4px 4px 4px  
4px #756CE6 }
```

Background

The CSS property to change the background color of an element to Hex 756CE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756CE6 }
```

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

```
.background{ background-color:#756CE6 }
```

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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