

Converting Colors

Hex(757DEC)

Have a look what the booklet for
Hex(757DEC) contains.

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Color

Hex(757DEC)

Conversions

Conversions Part 1

Format	Color
Hex	757DEC
RGB	117, 125, 236
RGB Percent	46%, 49%, 93%
CMY	0.5412, 0.5098, 0.0745
CMYK	0.50, 0.47, 0.00, 0.07
HSL	236°, 76%, 69%
HSV	236°, 50%, 93%
XYZ	29.8101, 24.5053, 82.5157
YIQ	135.2620, -40.3990, 32.8250

Conversions

Conversions Part 2

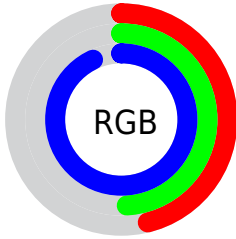
Format	Color
RYB	117, 124, 236
Decimal	7699948
CIELab	56.59, 26.82, -57.19
CIELCh	57, 63.166, 295.129
Yxy	24.5053, 0.2179, 0.1791
Android (android.graphics.Color)	4285890028 (0xFF757DEC)
YUV	135.2620, 49.6638, -16.0158
Hunter-Lab	49.5028, 20.8609, -64.1779

Details

The Hex color **757DEC** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **ECE475**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **AFB1FF**, and **374CB3** is the 20% darker color. If you saturate the color by 10%, you get **5D67EC**, and if you desaturate by 10%, it is **8D93EC**.

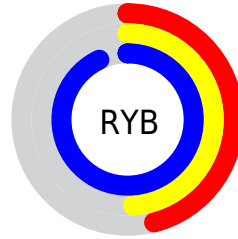
Distribution



Red (46%)

Green (49%)

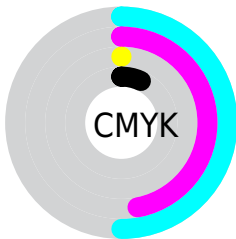
Blue (93%)



Red (46%)

Yellow (49%)

Blue (93%)

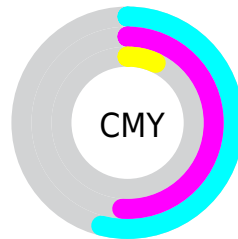


Cyan (50%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (54%)

Magenta (51%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757DEC 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 757DEC by changing the saturation by 10% instead.

 757DEC

 757DEC

FFFFFF

 5764CF

 AFB1FF

 374CB3

 CDCDFE

 073698

 EBE9FF

 00217E

 000F64

 00004B

 000433

 00021D

 000000

 757DEC

 757DEC

 5D67EC

 8D93EC

 4651EC

 A4A9EC

 2E3BEC

 BCBFEC

 1725EC

 D3D5EC

 0010EC

 EBEBEC

 FFFFEC

Harmonies

Analogous

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



0091F6



757DEC



C163C7

Triad

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



757DEC



D26C2C



00A17D

Complementary

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



757DEC



ECE475

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.



1F9C45



757DEC



AA8200

Square

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



757DEC



E8555D



759210



00A1B5

Rectangle

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



757DEC



DD55A5



759210



00A06A

Sweetspot

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



757DEC



D9DBFF



75ECE2



696A80



000000



808080

Same Dimension

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



757DEC



636EFF



A775EC



6A6A75



000CB5



000436

Inverse Universe

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



EC757D



FF636E



BAEC75



756A6A



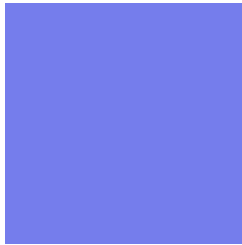
B5000C



360004

Previews

White Background



This preview shows how the Hex color 757DEC looks on a white background.

Color Contrast Check

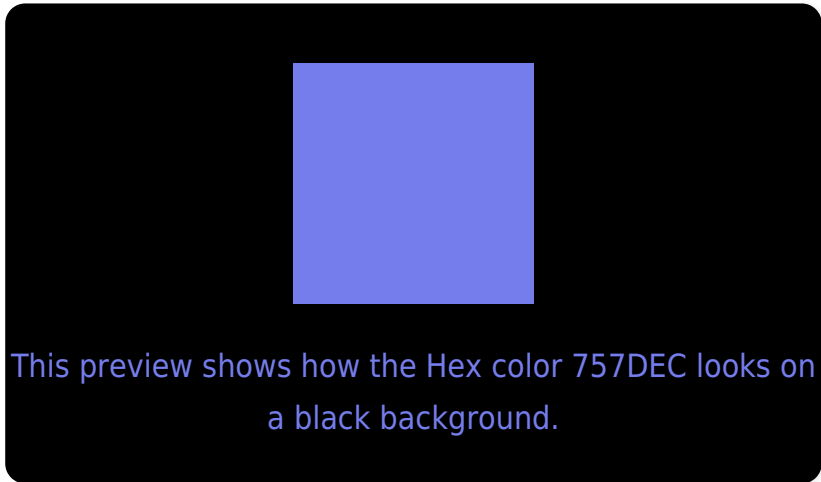
Large Text (above 18pt) WCAG AA ✓ Pass

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

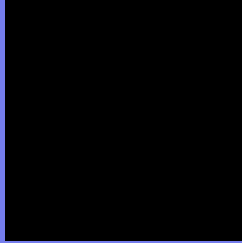
Any Text WCAG AA ✓ Pass

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 757DEC Background



This preview shows how black text looks on a background with the Hex color 757DEC.



This preview shows how white text looks on a background with the Hex color 757DEC.

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
5C909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 757DEC 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 #757DEC looks like.

```
.text, #text, p{  
    color:#757DEC  
}
```

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 #757DEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757DEC
}
```

Border

The CSS property to change the border of an element to Hex 757DEC 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
#757DEC }
```

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

```
.border{ border-color:#757DEC }
```

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

Here you see how a box with a 4 pixel #757DEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757DEC; -webkit-box-shadow:4px 4px  
4px 4px #757DEC; box-shadow:4px 4px 4px  
4px #757DEC }
```

Background

The CSS property to change the background color of an element to Hex 757DEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757DEC }
```

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

```
.background{ background-color:#757DEC }
```

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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