

Converting Colors

Hex(747CE0)

Have a look what the booklet for
Hex(747CE0) contains.

Hex(747CE0)	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(747CE0)

Conversions

Conversions Part 1

Format	Color
Hex	747CE0
RGB	116, 124, 224
RGB Percent	45%, 49%, 88%
CMY	0.5451, 0.5137, 0.1216
CMYK	0.48, 0.45, 0.00, 0.12
HSL	236°, 64%, 67%
HSV	236°, 48%, 88%
XYZ	27.8647, 23.5101, 73.5903
YIQ	133.0080, -36.8680, 29.4040

Conversions

Conversions Part 2

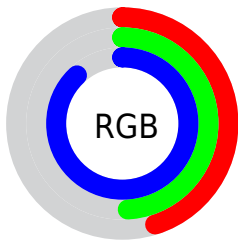
Format	Color
R_{YB}	116, 123, 224
Decimal	7634144
CIE Lab	55.59, 23.56, -52.08
CIE LCh	56, 57.160, 294.343
Yxy	23.5101, 0.2230, 0.1881
Android (android.graphics.Color)	4285824224 (0xFF747CE0)
YUV	133.0080, 44.8591, -14.9160
Hunter-Lab	48.4872, 17.7277, -56.0448

Details

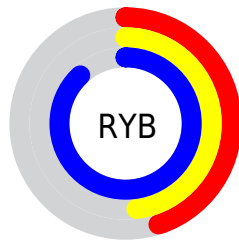
The Hex color **747CE0** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E0D874**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ADB0FF**, and **394BA8** is the 20% darker color. If you saturate the color by 10%, you get **5E67E0**, and if you desaturate by 10%, it is **8A91E0**.

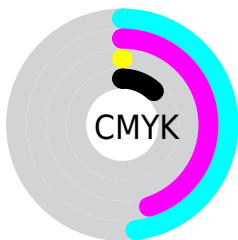
Distribution



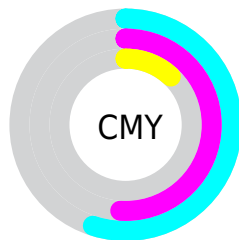
- Red (45%)
- Green (49%)
- Blue (88%)



- Red (45%)
- Yellow (48%)
- Blue (88%)



- Cyan (48%)
- Magenta (45%)
- Yellow (0%)
- Black (12%)



- Cyan (55%)
- Magenta (51%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747CE0 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 747CE0 by changing the saturation by 10% instead.

■ 747CE0

■ 747CE0

FFFFFF

■ 5763C4

■ ADB0FF

■ 394BA8

■ CACCCF

■ 12358D

■ E8E8FF

■ 002073

■ 000D5A

■ 000342

■ 00032B

■ 000115

■ 000000

■ 747CE0

■ 747CE0

■ 5E67E0

■ 8A91E0

■ 4753E0

■ A1A5E0

■ 313EE0

■ B7BAE0

■ 1A29E0

■ CECFE0

■ 0414E0

■ E4E4E0

■ 0011E0

■ FAF8E0

■ FFFFE0

Harmonies

Analogous

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



008EE8



747CE0



B866C0

Triad

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



747CE0



CA6C34



009C7A

Complementary

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



747CE0



E0D874

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.



339848



747CE0



A68015

Square

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



747CE0



DE595F



778E20



009CAD

Rectangle

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



747CE0



D25AA1



778E20



009B69

Sweetspot

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



747CE0



DBDEFF



74E0D7



6A6B80



000000



808080

Same Dimension

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



747CE0



6B76FF



A174E0



656670



000DB0



000430

Inverse Universe

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



E0747C



FF6B76



B3E074



706566



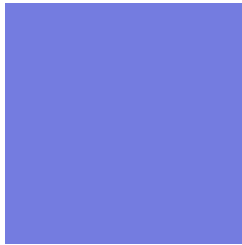
B0000D



300004

Previews

White Background



This preview shows how the Hex color 747CE0 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 747CE0 Background



This preview shows how black text looks on a background with the Hex color 747CE0.



This preview shows how white text looks on a background with the Hex color 747CE0.

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
5F8C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 747CE0 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 #747CE0 looks like.

```
.text, #text, p{  
    color:#747CE0  
}
```

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 #747CE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747CE0
}
```

Border

The CSS property to change the border of an element to Hex 747CE0 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
#747CE0 }
```

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

```
.border{ border-color:#747CE0 }
```

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

Here you see how a box with a 4 pixel #747CE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747CE0; -webkit-box-shadow:4px 4px  
4px 4px #747CE0; box-shadow:4px 4px 4px  
4px #747CE0 }
```

Background

The CSS property to change the background color of an element to Hex 747CE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747CE0 }
```

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

```
.background{ background-color:#747CE0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor