

Converting Colors

Hex(707FDC)

Have a look what the booklet for
Hex(707FDC) contains.

Hex(707FDC)	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(707FDC)

Conversions

Conversions Part 1

Format	Color
Hex	707FDC
RGB	112, 127, 220
RGB Percent	44%, 50%, 86%
CMY	0.5608, 0.5020, 0.1373
CMYK	0.49, 0.42, 0.00, 0.14
HSL	232°, 61%, 65%
HSV	232°, 49%, 86%
XYZ	27.1897, 23.7908, 70.8692
YIQ	133.1170, -38.7930, 25.7430

Conversions

Conversions Part 2

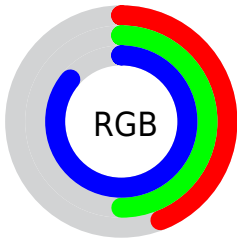
Format	Color
RYB	112, 125, 220
Decimal	7372764
CIELab	55.88, 19.63, -49.40
CIELCh	56, 53.157, 291.676
Yxy	23.7908, 0.2231, 0.1952
Android (android.graphics.Color)	4285562844 (0xFF707FDC)
YUV	133.1170, 42.8333, -18.5196
Hunter-Lab	48.7758, 14.1459, -52.0028

Details

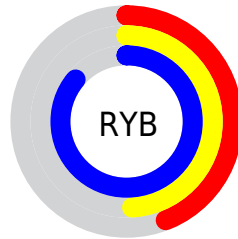
The Hex color **707FDC** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DCCD70**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A9B4FF**, and **354EA4** is the 20% darker color. If you saturate the color by 10%, you get **5A6CDC**, and if you desaturate by 10%, it is **8692DC**.

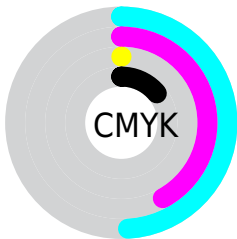
Distribution



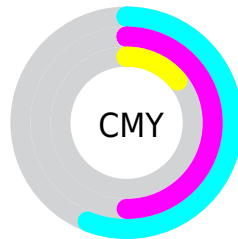
- Red (44%)
- Green (50%)
- Blue (86%)



- Red (44%)
- Yellow (49%)
- Blue (86%)



- Cyan (49%)
- Magenta (42%)
- Yellow (0%)
- Black (14%)



- Cyan (56%)
- Magenta (50%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 707FDC 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 707FDC by changing the saturation by 10% instead.

 707FDC

 707FDC

FFFFFF

 5366C0

 A9B4FF

 354EA4

 C6CFFF

 0B388A

 E3EBFF

 002370

 001057

 00053F

 000328

 000111

 000000

 707FDC

 707FDC

 5A6CDC

 8692DC

 4459DC

 9CA5DC

 2E46DC

 B2B8DC

 1833DC

 C8CBDC

 0220DC

 DEDEDC

 001FDC

 F4F1DC

 FFFFDC

Harmonies

Analogous

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



008FE1



707FDC



B26BC0

Triad

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



707FDC



CA6D3E



009B77

Complementary

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



707FDC



DCCD70

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.



44974A



707FDC



A97F24

Square

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



707FDC



DA5E67



7E8E28



009CA7

Rectangle

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



707FDC



CB60A4



7E8E28



009A67

Sweetspot

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



707FDC



D9DEFF



70DCCC



696C80



000000



808080

Same Dimension

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



707FDC



697DFF



9670DC



63646E



0018AD



00062E

Inverse Universe

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



DC707F



FF697D



B6DC70



6E6364



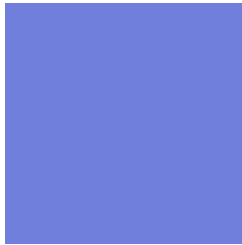
AD0018



2E0006

Previews

White Background



This preview shows how the Hex color 707FDC looks on a white background.

Color Contrast Check

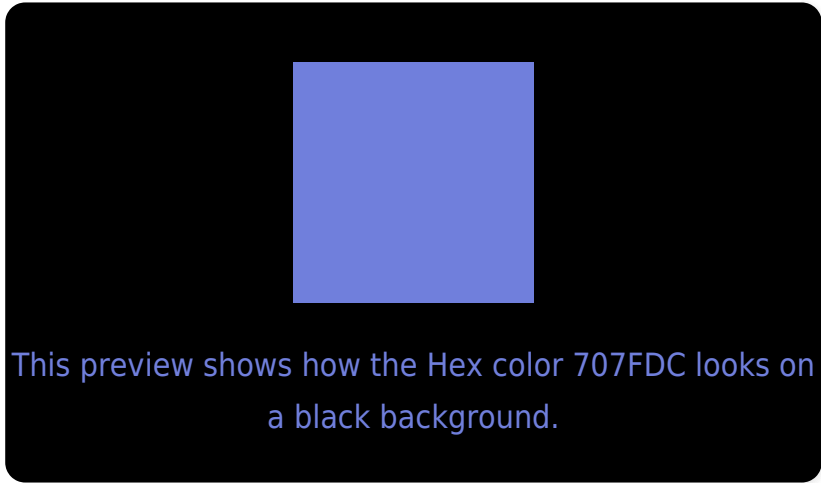
Large Text (above 18pt) WCAG AA ✓ Pass

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 707FDC Background



This preview shows how black text looks on a background with the Hex color 707FDC.

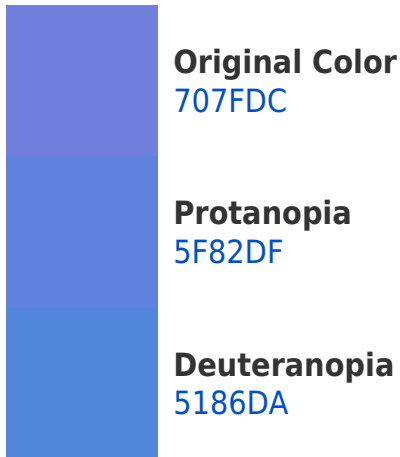


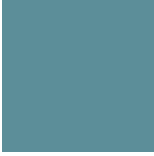
This preview shows how white text looks on a background with the Hex color 707FDC.

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](#).

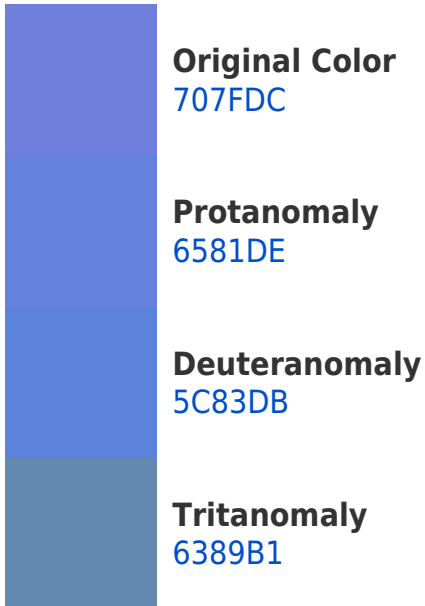
Dichromacy



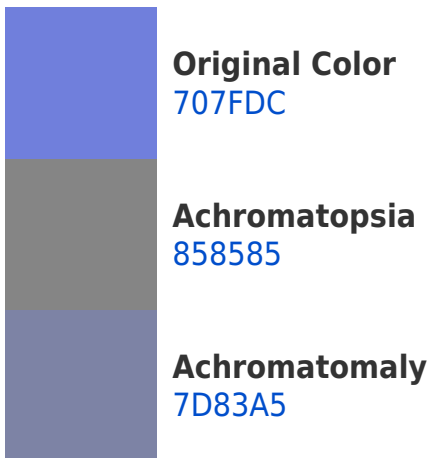


Tritanopia
5C8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 707FDC 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 #707FDC looks like.

```
.text, #text, p{  
    color:#707FDC  
}
```

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 #707FDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707FDC
}
```

Border

The CSS property to change the border of an element to Hex 707FDC 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
#707FDC }
```

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

```
.border{ border-color:#707FDC }
```

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

Here you see how a box with a 4 pixel #707FDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707FDC; -webkit-box-shadow:4px 4px  
4px 4px #707FDC; box-shadow:4px 4px 4px  
4px #707FDC }
```

Background

The CSS property to change the background color of an element to Hex 707FDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707FDC }
```

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

```
.background{ background-color:#707FDC }
```

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