

Converting Colors

Hex(747FB6)

Have a look what the booklet for
Hex(747FB6) contains.

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Color

Hex(747FB6)

Conversions

Conversions Part 1

Format	Color
Hex	747FB6
RGB	116, 127, 182
RGB Percent	45%, 50%, 71%
CMY	0.5451, 0.5020, 0.2863
CMYK	0.36, 0.30, 0.00, 0.29
HSL	230°, 31%, 58%
HSV	230°, 36%, 71%
XYZ	23.2353, 22.2691, 47.3297
YIQ	129.9810, -24.2110, 14.7730

Conversions

Conversions Part 2

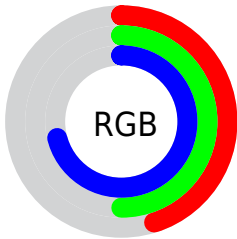
Format	Color
R_{YB}	116, 125, 182
Decimal	7634870
CIE _{Lab}	54.31, 9.57, -30.28
CIE _{LCh}	54, 31.753, 287.542
Yxy	22.2691, 0.2503, 0.2399
Android (android.graphics.Color)	4285824950 (0xFF747FB6)
YUV	129.9810, 25.6454, -12.2613
Hunter-Lab	47.1902, 5.3063, -26.4321

Details

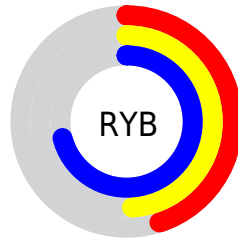
The Hex color **747FB6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B6AB74**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AAB4EE**, and **404E81** is the 20% darker color. If you saturate the color by 10%, you get **6270B6**, and if you desaturate by 10%, it is **868EB6**.

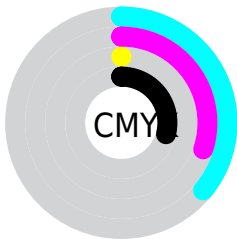
Distribution



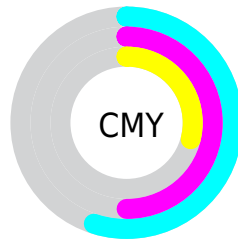
- Red (45%)
- Green (50%)
- Blue (71%)



- Red (45%)
- Yellow (49%)
- Blue (71%)



- Cyan (36%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (55%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747FB6 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 747FB6 by changing the saturation by 10% instead.

■ 747FB6

■ 747FB6

FFFFFF

■ 5A669B

■ AAB4EE

■ 404E81

■ C6CFFF

■ 273867

■ E2EBFF

■ 08224F

■ 000D38

■ 000222

■ 000008

■ 000000

■ 747FB6

■ 747FB6

■ 6270B6

■ 868EB6

■ 5061B6

■ 989DB6

■ 3D52B6

■ ABADB6

■ 2B42B6

■ BDBCB6

■ 1933B6

■ CFCBB6

■ 0724B6

■ E1DAB6

■ 001EB6

■ F3E9B6

■ FFF8B6

■ FFFFB6

Harmonies

Analogous

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



4588B7



747FB6



9975A7

Triad

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



747FB6



B0735B



419075

Complementary

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



747FB6



B6AB74

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.



658C5C



747FB6



9E7C4C

Square

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



747FB6



B76D73



84854D



129091

Rectangle

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



747FB6



AA7097



84854D



4D8F6C

Sweetspot

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



747FB6



D3D7ED



74B6AB



686B78



F7F7F7



787878

Same Dimension

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



747FB6



8596ED



8A74B6



53545C



001A9C



00051C

Inverse Universe

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



B6747F



ED8596



A0B674



5C5354



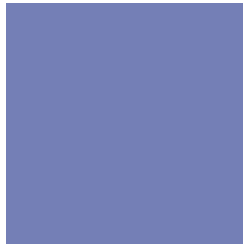
9C001A



1C0005

Previews

White Background



This preview shows how the Hex color 747FB6 looks on a white background.

Color Contrast Check

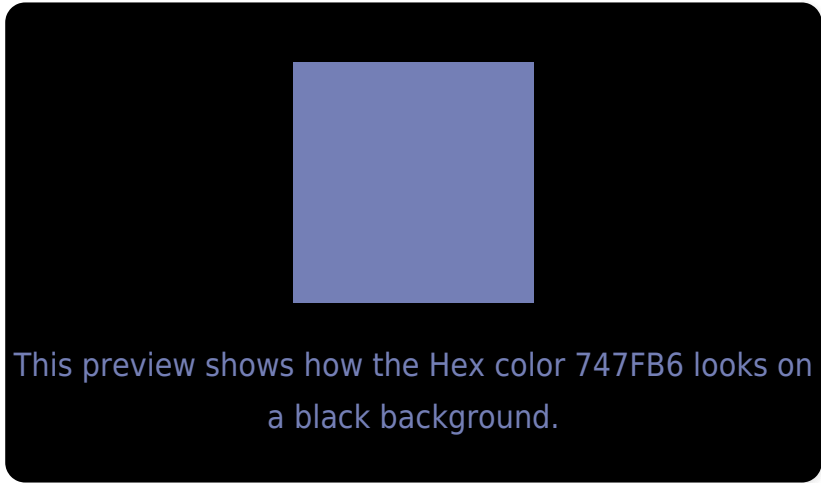
Large Text (above 18pt) WCAG AA ✓ Pass

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

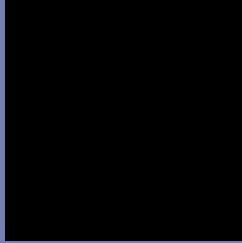
Any Text WCAG AA ✓ Pass

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 747FB6 Background



This preview shows how black text looks on a background with the Hex color 747FB6.



This preview shows how white text looks on a background with the Hex color 747FB6.

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



Original Color


747FB6

Protanopia

7180B7

Deuteranopia

7080B6



Tritanopia
6B8691

Trichromacy



Original Color

747FB6

Protanomaly

7280B7

Deuteranomaly

7180B6

Tritanomaly

6E839E

Monochromacy



Original Color

747FB6

Achromatopsia

828282

Achromatomaly

7D8195

CSS Examples

Text

The CSS property to change the color of the text to Hex 747FB6 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 #747FB6 looks like.

```
.text, #text, p{  
    color:#747FB6  
}
```

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 #747FB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747FB6
}
```

Border

The CSS property to change the border of an element to Hex 747FB6 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
#747FB6 }
```

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

```
.border{ border-color:#747FB6 }
```

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

Here you see how a box with a 4 pixel #747FB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747FB6; -webkit-box-shadow:4px 4px  
4px 4px #747FB6; box-shadow:4px 4px 4px  
4px #747FB6 }
```

Background

The CSS property to change the background color of an element to Hex 747FB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747FB6 }
```

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

```
.background{ background-color:#747FB6 }
```

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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