

# Converting Colors

Hex(745FBA)

Have a look what the booklet for  
Hex(745FBA) contains.

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# Color

**Hex(745FBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	745FBA
RGB	116, 95, 186
RGB Percent	45%, 37%, 73%
CMY	0.5451, 0.6275, 0.2706
CMYK	0.38, 0.49, 0.00, 0.27
HSL	254°, 40%, 55%
HSV	254°, 49%, 73%
XYZ	20.1576, 15.4426, 48.3727
YIQ	111.6530, -16.6950, 32.7530

# Conversions

## Conversions Part 2

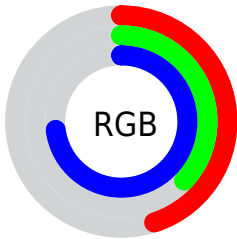
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	116, 95, 186
Decimal	7626682
CIE Lab	46.23, 29.92, -45.31
CIE LCh	46, 54.296, 303.442
Yxy	15.4426, 0.2400, 0.1839
Android (android.graphics.Color)	4285816762 (0xFF745FBA)
YUV	111.6530, 36.6531, 3.8123
Hunter-Lab	39.2971, 22.7925, -45.4750

# Details

The Hex color **745FBA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A5BA5F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AB92F3**, and **3E3084** is the 20% darker color. If you saturate the color by 10%, you get **664CBA**, and if you desaturate by 10%, it is **8272BA**.

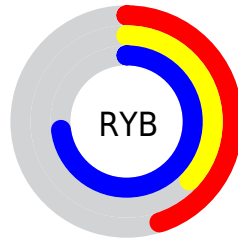
# Distribution



Red (45%)

Green (37%)

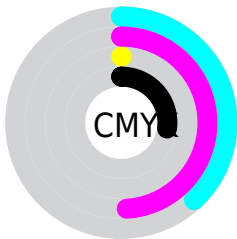
Blue (73%)



Red (45%)

Yellow (37%)

Blue (73%)

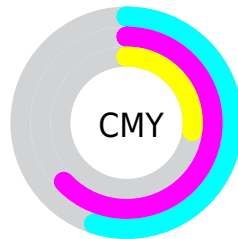


Cyan (38%)

Magenta (49%)

Yellow (0%)

Black (27%)



Cyan (55%)

Magenta (63%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 745FBA 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 745FBA by changing the saturation by 10% instead.



■ 745FBA

■ 745FBA

FFFFFF

■ 59479F

■ AB92F3

■ 3E3084

■ C7ADFF

■ 221A6A

■ E4C8FF

■ 000552

■ FFE4FF

■ 00003A

■ 000223

■ 00000B

■ 000000

■ 745FBA

■ 745FBA

664CBA

8272BA

573ABA

9184BA

4927BA

9F97BA

3B15BA

ADA9BA

2C02BA

BCBCBA

2B00BA

CACFBA

D8E1BA

E6F4BA

F5FFBA

# Harmonies

## Analogous

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



0071C9



745FBA



A84A97

# Triad

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



745FBA



A35C16



008272

# Complementary

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



745FBA



A5BA5F

# 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.



008043



745FBA



7F6D00

# Square

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



745FBA



BA483E



507917



00829F

# Rectangle

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



745FBA



B9407A



507917



008262



# Sweetspot

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



745FBA



D6CEF2



5FA6BA



69647A



FAFAFA



7A7A7A



# Same Dimension

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



745FBA



8463F2



A05FBA



55535C



24009C



06001C



# Inverse Universe

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



BA5FA5



F263D1



79BA5F



5C535A



9C0078



1C0016



# Previews

## White Background



This preview shows how the Hex color 745FBA looks on a white background.

## Color Contrast Check

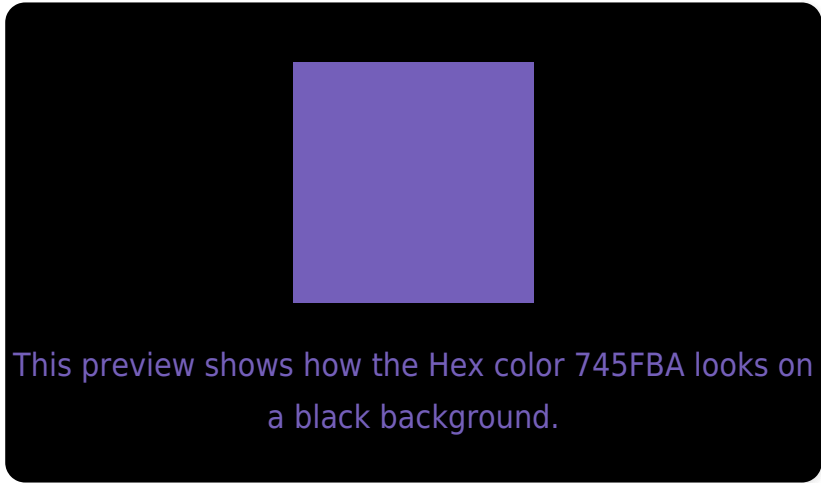
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

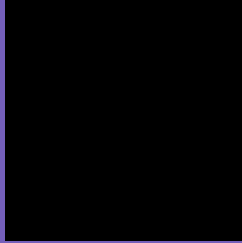
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 745FBA Background



This preview shows how black text looks on a background with the Hex color 745FBA.

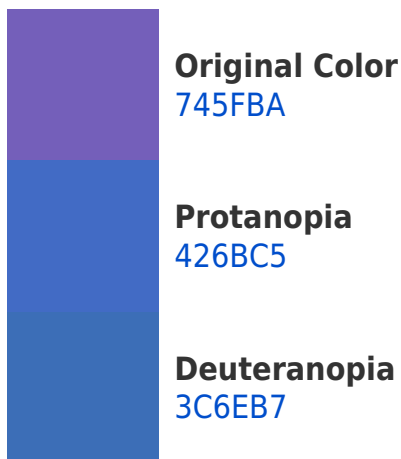


This preview shows how white text looks on a background with the Hex color 745FBA.

# 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**  
656F78

# Trichromacy



**Original Color**  
745FBA

**Protanomaly**  
5467C1

**Deuteranomaly**  
5069B8

**Tritanomaly**  
6A6990

# Monochromacy



**Original Color**  
745FBA

**Achromatopsia**  
707070

**Achromatomaly**  
716A8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 745FBA 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 #745FBA looks like.

```
.text, #text, p{  
    color:#745FBA  
}
```

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 #745FBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745FBA
}
```

## Border

The CSS property to change the border of an element to Hex 745FBA 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
#745FBA }
```

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

```
.border{ border-color:#745FBA }
```

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

Here you see how a box with a 4 pixel #745FBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745FBA; -webkit-box-shadow:4px 4px  
4px 4px #745FBA; box-shadow:4px 4px 4px  
4px #745FBA }
```

# Background

The CSS property to change the background color of an element to Hex 745FBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745FBA }
```

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

```
.background{ background-color:#745FBA }
```

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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