

# Converting Colors

Hex(735BB6)

Have a look what the booklet for  
Hex(735BB6) contains.

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# Color

Hex(735BB6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735BB6
RGB	115, 91, 182
RGB Percent	45%, 36%, 71%
CMY	0.5490, 0.6431, 0.2863
CMYK	0.37, 0.50, 0.00, 0.29
HSL	256°, 38%, 54%
HSV	256°, 50%, 71%
XYZ	19.2548, 14.5044, 46.0408
YIQ	108.5500, -14.9070, 33.3890

# Conversions

## Conversions Part 2

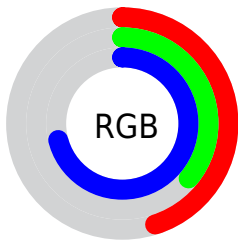
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 91, 182
Decimal	7560118
CIE <sub>Lab</sub>	44.95, 30.95, -45.03
CIE <sub>LCh</sub>	45, 54.642, 304.499
Yxy	14.5044, 0.2413, 0.1818
Android (android.graphics.Color)	4285750198 (0xFF735BB6)
YUV	108.5500, 36.2109, 5.6567
Hunter-Lab	38.0847, 23.5978, -45.0168

# Details

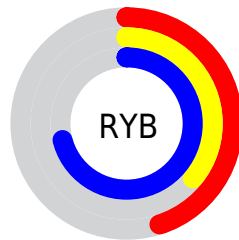
The Hex color **735BB6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9EB65B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AA8EEE**, and **3E2C80** is the 20% darker color. If you saturate the color by 10%, you get **6649B6**, and if you desaturate by 10%, it is **806DB6**.

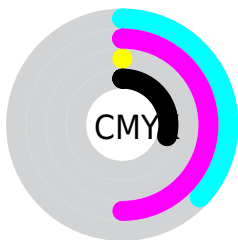
# Distribution



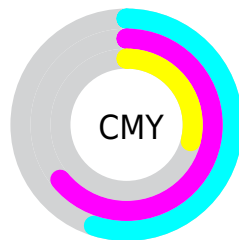
- Red (45%)
- Green (36%)
- Blue (71%)



- Red (45%)
- Yellow (36%)
- Blue (71%)



- Cyan (37%)
- Magenta (50%)
- Yellow (0%)
- Black (29%)



- Cyan (55%)
- Magenta (64%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 735BB6 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 735BB6 by changing the saturation by 10% instead.



735BB6

735BB6

FFFFFF

58439B

AA8EEE

3E2C80

C6A8FF

211767

E3C4FF

00014E

FFE0FF

000037

FFFCFF

000220

000004

000000

735BB6

735BB6

6649B6

806DB6

5837B6

8E7FB6

4B24B6

9B92B6

3D12B6

A9A4B6

3000B6

B6B6B6

C3C8B6

D1DAB6

DEEDB6

ECFFB6

# Harmonies

## Analogous

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



006EC6



735BB6



A64592

# Triad

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



735BB6



9E5910



007F70

# Complementary

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



735BB6



9EB65B

# 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.



007D41



735BB6



7A6B00

# Square

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



735BB6



B64539



4A7614



007E9D

# Rectangle

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



735BB6



B73C75



4A7614



007F60



# Sweetspot

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



735BB6



D3CAED



5B9FB6



686278



F7F7F7



787878



# Same Dimension

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



735BB6



845FED



9F5BB6



55535C



29009C



07001C



# Inverse Universe

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



B65B9E



ED5FC8



72B65B



5C5359



9C0073

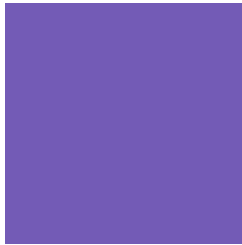


1C0015



# Previews

## White Background



This preview shows how the Hex color 735BB6 looks on a white background.

## Color Contrast Check

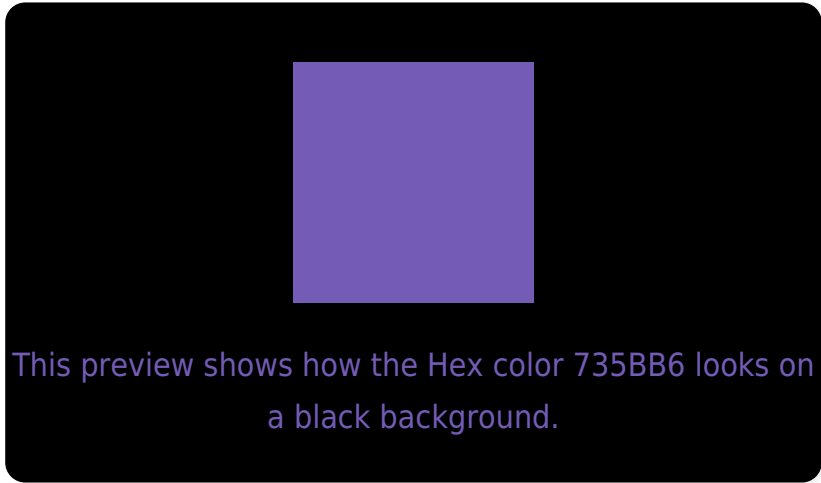
Large Text (above 18pt) WCAG AA ✓ Pass

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 735BB6 Background



This preview shows how black text looks on a background with the Hex color 735BB6.



This preview shows how white text looks on a background with the Hex color 735BB6.

# 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](#).

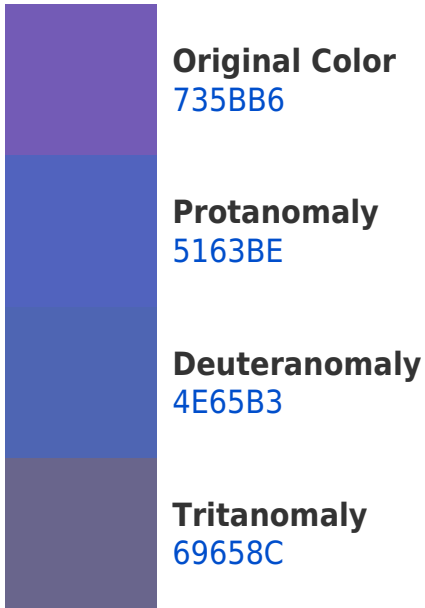
## Dichromacy





**Tritanopia**  
646B74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 735BB6 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 #735BB6 looks like.

```
.text, #text, p{  
    color:#735BB6  
}
```

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 #735BB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735BB6
}
```

## Border

The CSS property to change the border of an element to Hex 735BB6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

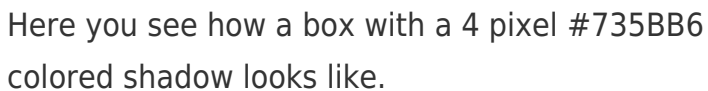
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735BB6 }
```

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

```
.border{ border-color:#735BB6 }
```

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



Here you see how a box with a 4 pixel #735BB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735BB6; -webkit-box-shadow:4px 4px  
4px 4px #735BB6; box-shadow:4px 4px 4px  
4px #735BB6 }
```

# Background

The CSS property to change the background color of an element to Hex 735BB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735BB6 }
```

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

```
.background{ background-color:#735BB6 }
```

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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