

# Converting Colors

Hex(744CD3)

Have a look what the booklet for  
Hex(744CD3) contains.

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**Color**

**Hex(744CD3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	744CD3
RGB	116, 76, 211
RGB Percent	45%, 30%, 83%
CMY	0.5451, 0.7020, 0.1725
CMYK	0.45, 0.64, 0.00, 0.17
HSL	258°, 61%, 56%
HSV	258°, 64%, 83%
XYZ	21.5448, 13.5850, 63.1147
YIQ	103.3500, -19.4950, 50.4650

# Conversions

## Conversions Part 2

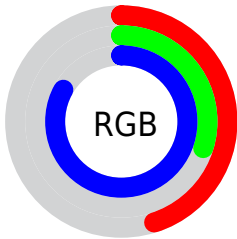
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	116, 76, 211
Decimal	7621843
CIE Lab	43.63, 47.83, -63.94
CIE LCh	44, 79.853, 306.796
Yxy	13.5850, 0.2193, 0.1383
Android (android.graphics.Color)	4285811923 (0xFF744CD3)
YUV	103.3500, 53.0714, 11.0941
Hunter-Lab	36.8579, 39.8384, -75.7264

# Details

The Hex color **744CD3** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **ABD34C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AE7FFF**, and **381B9B** is the 20% darker color. If you saturate the color by 10%, you get **6537D3**, and if you desaturate by 10%, it is **8361D3**.

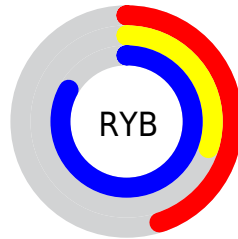
# Distribution



Red (45%)

Green (30%)

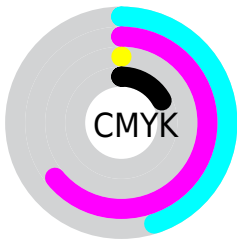
Blue (83%)



Red (45%)

Yellow (30%)

Blue (83%)

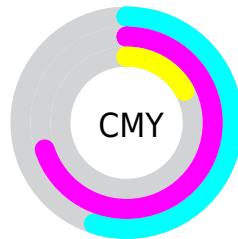


Cyan (45%)

Magenta (64%)

Yellow (0%)

Black (17%)



Cyan (55%)

Magenta (70%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 744CD3 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 744CD3 by changing the saturation by 10% instead.



 744CD3

 744CD3

FFFFFF

 5733B7

 AE7FFF

 381B9B

 CB9AFF

 0E0081

 E9B5FF


 000067

 FFD1FF

 00004E

 FFEDFF

 000536

 00021F

 000003

 000000

744CD3

744CD3

6537D3

8361D3

5622D3

9276D3

470DD3

A18BD3

3F00D3

AFA0D3

BEB6D3

CDCBD3

DCE0D3

EBF5D3

FAFFD3

# Harmonies

## Analogous

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



006CED



744CD3



BE099D

# Triad

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



744CD3



A64F00



008275

# Complementary

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



744CD3



ABD34C

# 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.



007F2E



744CD3



716A00

# Square

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



744CD3



CB1D1A



1E7800



0081B6

# Rectangle

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



744CD3



D30071



1E7800



00815E



# Sweetspot

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



744CD3



DDCFFF



4CADD3



6B6280



000000



808080



# Same Dimension

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



744CD3



753BFF



B64CD3



615E69



3200A8



0C0029



# Inverse Universe

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



D34CAB



FF3BC5



69D34C



695E65



A80076

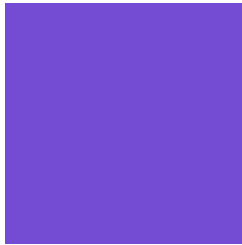


29001D



# Previews

## White Background



This preview shows how the Hex color 744CD3 looks on a white background.

## Color Contrast Check

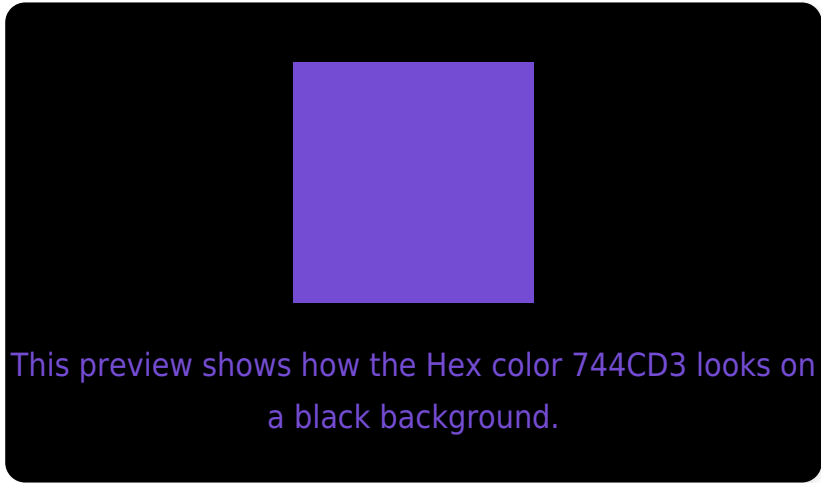
Large Text (above 18pt) WCAG AA ✓ Pass

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

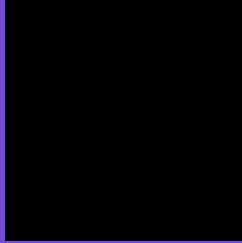
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 744CD3 Background



This preview shows how black text looks on a background with the Hex color 744CD3.



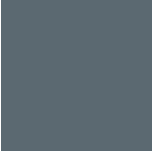
This preview shows how white text looks on a background with the Hex color 744CD3.

# 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](#).

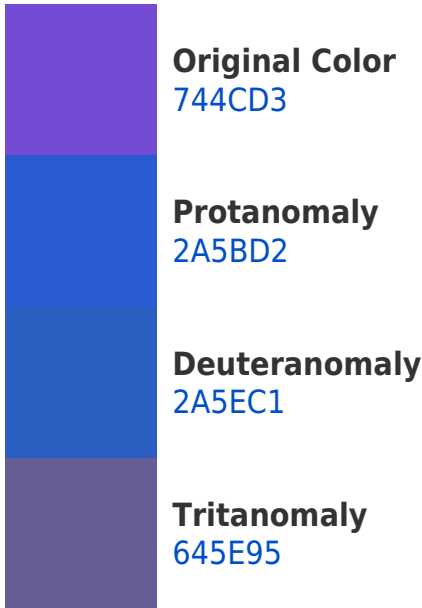
## Dichromacy





**Tritanopia**  
5B6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744CD3 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 #744CD3 looks like.

```
.text, #text, p{  
    color:#744CD3  
}
```

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 #744CD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744CD3
}
```

## Border

The CSS property to change the border of an element to Hex 744CD3 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
#744CD3 }
```

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

```
.border{ border-color:#744CD3 }
```

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

Here you see how a box with a 4 pixel #744CD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744CD3; -webkit-box-shadow:4px 4px  
4px 4px #744CD3; box-shadow:4px 4px 4px  
4px #744CD3 }
```

# Background

The CSS property to change the background color of an element to Hex 744CD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744CD3 }
```

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

```
.background{ background-color:#744CD3 }
```

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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