

# Converting Colors

Hex(764AB6)

Have a look what the booklet for  
Hex(764AB6) contains.

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# Color

**Hex(764AB6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	764AB6
RGB	118, 74, 182
RGB Percent	46%, 29%, 71%
CMY	0.5373, 0.7098, 0.2863
CMYK	0.35, 0.59, 0.00, 0.29
HSL	264°, 43%, 50%
HSV	264°, 59%, 71%
XYZ	18.3635, 12.1265, 45.6288
YIQ	99.4680, -8.4440, 42.9160

# Conversions

## Conversions Part 2

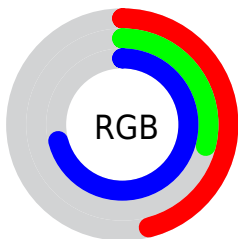
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 74, 182
Decimal	7752374
CIE <sub>Lab</sub>	41.42, 41.57, -50.67
CIE <sub>LCh</sub>	41, 65.540, 309.363
Yxy	12.1265, 0.2412, 0.1593
Android (android.graphics.Color)	4285942454 (0xFF764AB6)
YUV	99.4680, 40.6883, 16.2526
Hunter-Lab	34.8231, 33.1890, -53.3115

# Details

The Hex color **764AB6** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8AB64A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AE7DEF**, and **3F1A80** is the 20% darker color. If you saturate the color by 10%, you get **6B38B6**, and if you desaturate by 10%, it is **815CB6**.

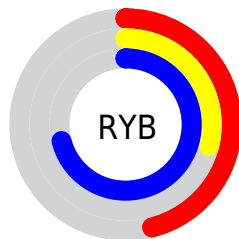
# Distribution



Red (46%)

Green (29%)

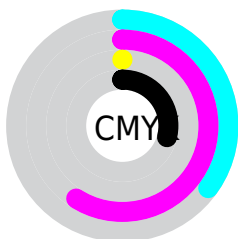
Blue (71%)



Red (46%)

Yellow (29%)

Blue (71%)

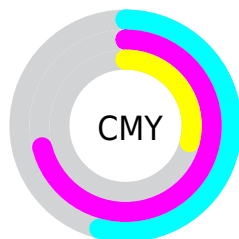


Cyan (35%)

Magenta (59%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (71%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764AB6 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 764AB6 by changing the saturation by 10% instead.



764AB6

764AB6

FFFFFF

5B329B

AE7DEF

3F1A80

CA97FF

220066

E7B2FF

03004E

FFCEFF

000136

FFEAFF

000220

000003

000000

764AB6

764AB6

6B38B6

815CB6

6026B6

8C6EB6

5613B6

9681B6

4B01B6

A193B6

4A00B6

ACA5B6

B7B7B6

C1C9B6

CCDCB6

D7EEB6

# Harmonies

## Analogous

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



0063CD



764AB6



AD2889

# Triad

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



764AB6



945100



007972

# Complementary

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



764AB6



8AB64A

# 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.



007639



764AB6



686500

# Square

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



764AB6



B4331F



287100



0078A5

# Rectangle

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



764AB6



BC1465



287100



00785F



# Sweetspot

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



764AB6



D4C2ED



4A8BB6



685D78



F7F7F7



787878



# Same Dimension

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



764AB6



8945ED



AB4AB6



56535C



3F009C



0B001C



# Inverse Universe

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



B64A8A



ED45A9



55B64A



5C5358



9C005C

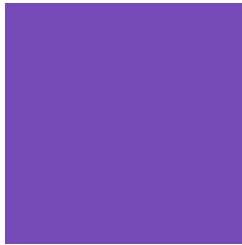


1C0011



# Previews

## White Background



This preview shows how the Hex color 764AB6 looks on a white background.

## Color Contrast Check

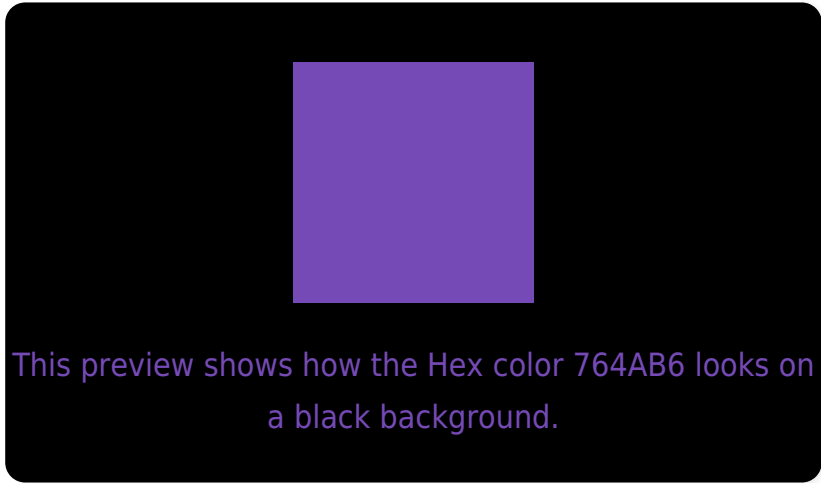
Large Text (above 18pt) WCAG AA ✓ Pass

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

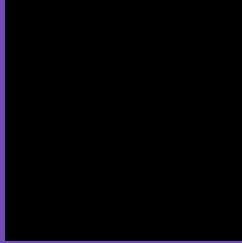
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 764AB6 Background



This preview shows how black text looks on a background with the Hex color 764AB6.



This preview shows how white text looks on a background with the Hex color 764AB6.

# 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](#).

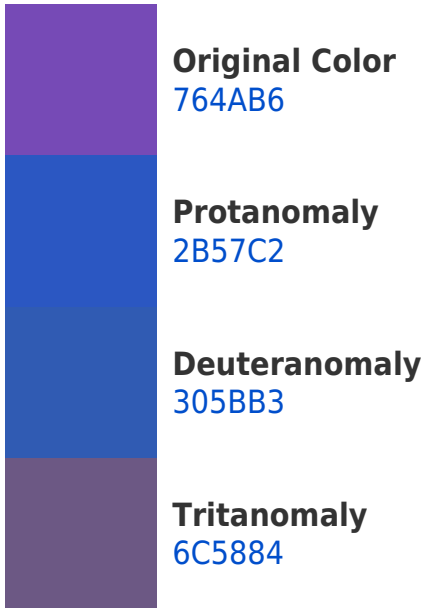
## Dichromacy



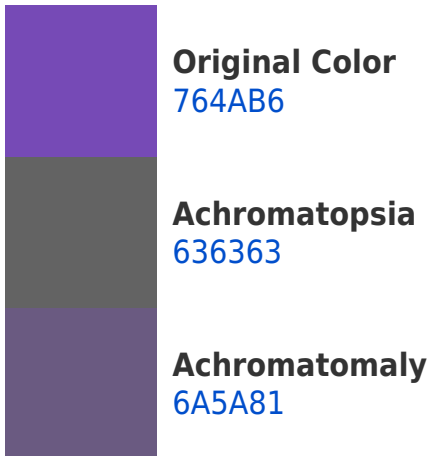


**Tritanopia**  
666067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764AB6 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 #764AB6 looks like.

```
.text, #text, p{  
    color:#764AB6  
}
```

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 #764AB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764AB6
}
```

## Border

The CSS property to change the border of an element to Hex 764AB6 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
#764AB6 }
```

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

```
.border{ border-color:#764AB6 }
```

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

Here you see how a box with a 4 pixel #764AB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764AB6; -webkit-box-shadow:4px 4px  
4px 4px #764AB6; box-shadow:4px 4px 4px  
4px #764AB6 }
```

# Background

The CSS property to change the background color of an element to Hex 764AB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764AB6 }
```

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

```
.background{ background-color:#764AB6 }
```

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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