

# Converting Colors

Hex(764BB1)

Have a look what the booklet for  
Hex(764BB1) contains.

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# Color

**Hex(764BB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	764BB1
RGB	118, 75, 177
RGB Percent	46%, 29%, 69%
CMY	0.5373, 0.7059, 0.3059
CMYK	0.33, 0.58, 0.00, 0.31
HSL	265°, 40%, 49%
HSV	265°, 58%, 69%
XYZ	17.9231, 12.0580, 42.9778
YIQ	99.4850, -7.1140, 40.8380

# Conversions

## Conversions Part 2

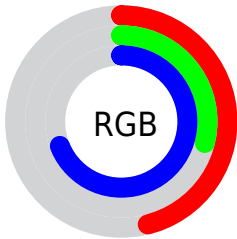
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 75, 177
Decimal	7752625
CIE <sub>Lab</sub>	41.31, 39.70, -47.90
CIE <sub>LCh</sub>	41, 62.218, 309.654
Yxy	12.0580, 0.2457, 0.1653
Android (android.graphics.Color)	4285942705 (0xFF764BB1)
YUV	99.4850, 38.2149, 16.2377
Hunter-Lab	34.7247, 31.3644, -49.0743

# Details

The Hex color **764BB1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **86B14B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AD7DE9**, and **401B7C** is the 20% darker color. If you saturate the color by 10%, you get **6C39B1**, and if you desaturate by 10%, it is **805DB1**.

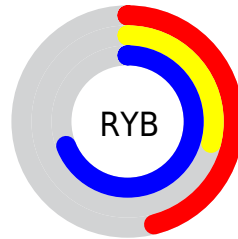
# Distribution



Red (46%)

Green (29%)

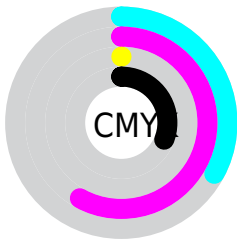
Blue (69%)



Red (46%)

Yellow (29%)

Blue (69%)

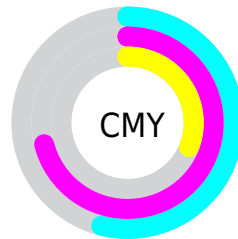


Cyan (33%)

Magenta (58%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (71%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764BB1 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 764BB1 by changing the saturation by 10% instead.



764BB1

764BB1

FFFFFF

5B3396

AD7DE9

401B7C

CA98FF

240262

E7B3FF

09004A

FFCFFF

000232

FFEBFF

00021C

000000

764BB1

764BB1

6C39B1

805DB1

6228B1

8A6EB1

5716B1

9580B1

4D04B1

9F92B1

4B00B1

A9A3B1

B3B5B1

BEC7B1

C8D9B1

D2EAB1

# Harmonies

## Analogous

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



0063C7



764BB1



A92D86

# Triad

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



764BB1



925200



007871

# Complementary

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



764BB1



86B14B

# 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.



00753B



764BB1



686500

# Square

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



764BB1



B03722



2C7000



0077A2

# Rectangle

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



764BB1



B81F64



2C7000



00775F



# Sweetspot

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



764BB1



CFBEE6



4B87B1



655C73



F2F2F2



737373



# Same Dimension

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



764BB1



8A47E6



A84BB1



545059



410099



0B001A



# Inverse Universe

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



B14B86



E647A3



54B14B



595055



990058

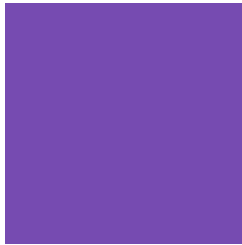


1A000F



# Previews

## White Background



This preview shows how the Hex color 764BB1 looks on a white background.

## Color Contrast Check

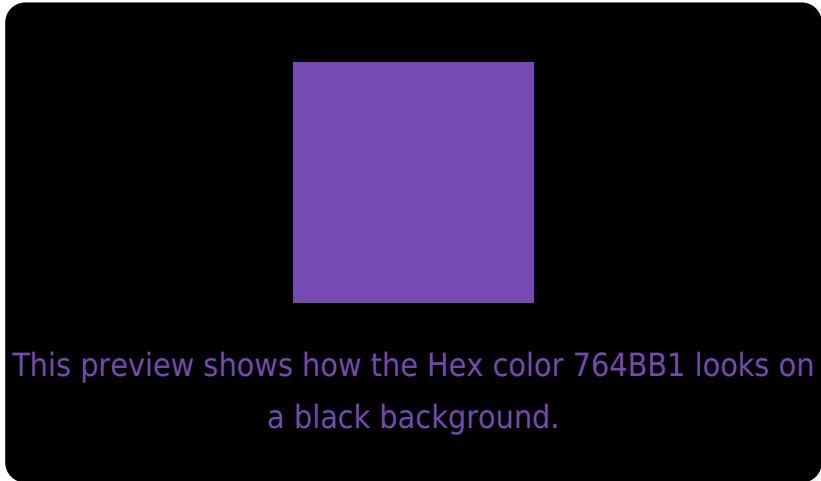
Large Text (above 18pt) WCAG AA ✓ Pass

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 764BB1 Background



This preview shows how black text looks on a background with the Hex color 764BB1.

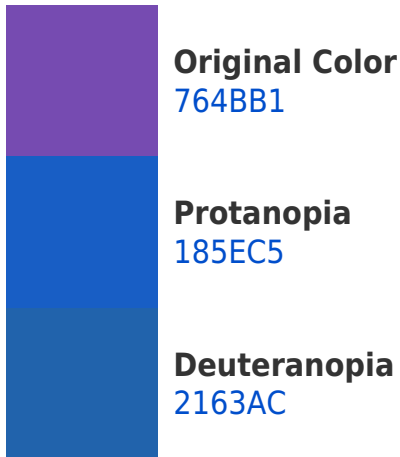


This preview shows how white text looks on a background with the Hex color 764BB1.

# 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](#).

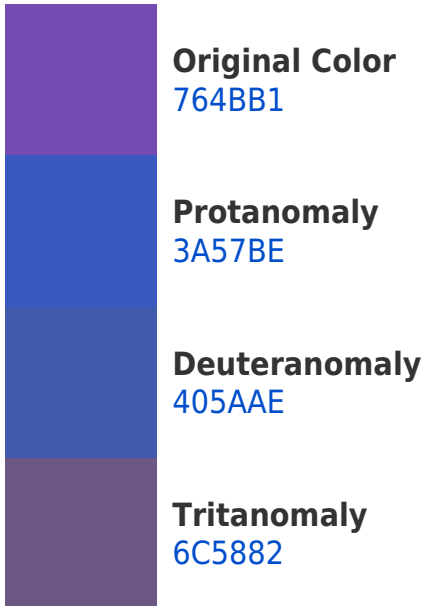
## Dichromacy



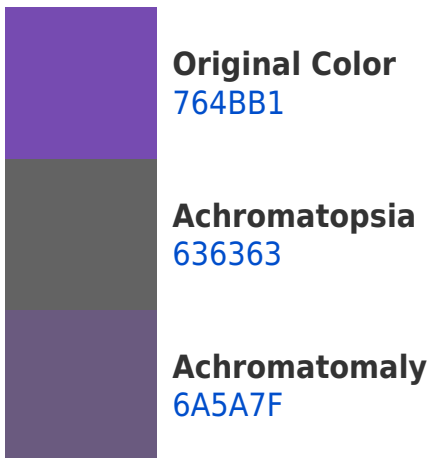


**Tritanopia**  
675F67

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764BB1 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 #764BB1 looks like.

```
.text, #text, p{  
    color:#764BB1  
}
```

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 #764BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764BB1
}
```

## Border

The CSS property to change the border of an element to Hex 764BB1 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
#764BB1 }
```

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

```
.border{ border-color:#764BB1 }
```

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

Here you see how a box with a 4 pixel #764BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764BB1; -webkit-box-shadow:4px 4px  
4px 4px #764BB1; box-shadow:4px 4px 4px  
4px #764BB1 }
```

# Background

The CSS property to change the background color of an element to Hex 764BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764BB1 }
```

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

```
.background{ background-color:#764BB1 }
```

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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