

# Converting Colors

Hex(764B75)

Have a look what the booklet for  
Hex(764B75) contains.

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# Color

**Hex(764B75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	764B75
RGB	118, 75, 117
RGB Percent	46%, 29%, 46%
CMY	0.5373, 0.7059, 0.5412
CMYK	0.00, 0.36, 0.01, 0.54
HSL	301°, 22%, 38%
HSV	301°, 36%, 46%
XYZ	13.1982, 10.1681, 18.0966
YIQ	92.6450, 12.1460, 22.1780

# Conversions

## Conversions Part 2

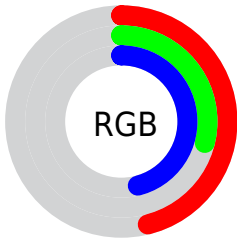
Format	Color
R <sub>Y</sub> B	118, 75, 117
Decimal	7752565
CIE Lab	38.14, 25.55, -16.61
CIE LCh	38, 30.472, 326.963
Yxy	10.1681, 0.3183, 0.2452
Android (android.graphics.Color)	4285942645 (0xFF764B75)
YUV	92.6450, 12.0070, 22.2363
Hunter-Lab	31.8874, 18.0781, -11.3269

# Details

The Hex color **764B75** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B764C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AB7DA9**, and **441D45** is the 20% darker color. If you saturate the color by 10%, you get **763F75**, and if you desaturate by 10%, it is **765775**.

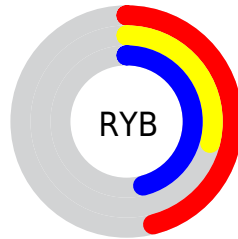
# Distribution



Red (46%)

Green (29%)

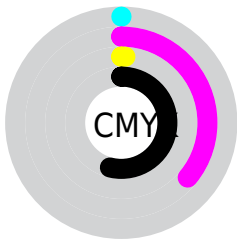
Blue (46%)



Red (46%)

Yellow (29%)

Blue (46%)

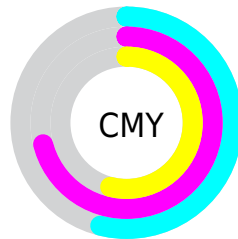


Cyan (0%)

Magenta (36%)

Yellow (1%)

Black (54%)



Cyan (54%)

Magenta (71%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764B75 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 764B75 by changing the saturation by 10% instead.



 764B75

 764B75

FFFFFF

 5D345C

 AB7DA9

 441D45

 C797C4

 2D072E

 E3B2E0

 18001A

 FFCDFD

 000000

 FFEAFF

 764B75

 764B75

 763F75

 765775

 763374

 766376

762874

766E76

761C74

767A76

761074

768676

760473

769277

760073

769E77

76A977

76B577

# Harmonies

## Analogous

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



585486



764B75



86455D

# Triad

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



764B75



6B5827



00666F

# Complementary

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



764B75



4B764C

# 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.



006656



764B75



525F2C

# Square

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



764B75



7E4F31



34643E



006383

# Rectangle

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



764B75



89464D



34643E



006667



# Sweetspot

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



764B75



998899



4C4B76



4D434C



CCCCCC



4D4D4D



# Same Dimension

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



764B75



995697



764B60



3B353B



7A0078



FA00F4



# Inverse Universe

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



764B75



995697



4B7661



3B353B



7A0078

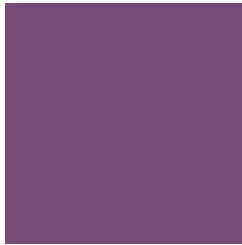


FA00F4



# Previews

## White Background



This preview shows how the Hex color 764B75 looks on a white background.

## Color Contrast Check

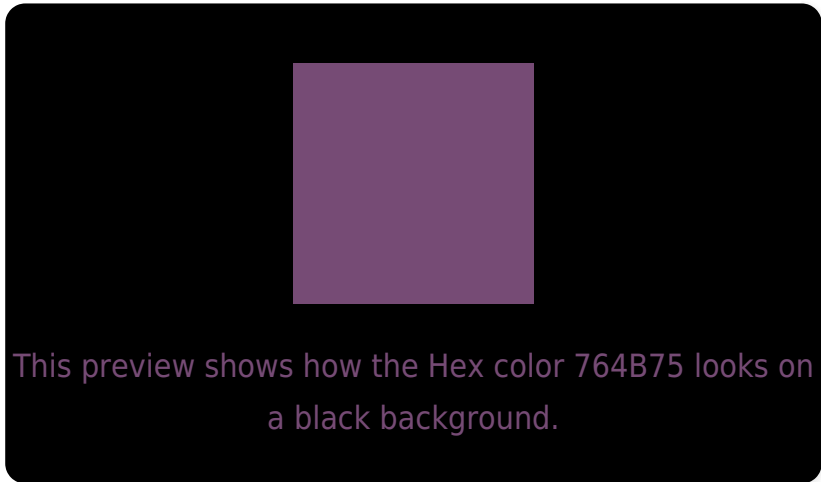
Large Text (above 18pt) WCAG AA ✓ Pass

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

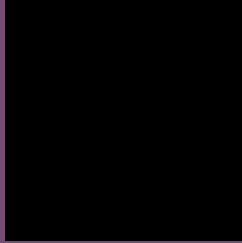
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 764B75 Background



This preview shows how black text looks on a background with the Hex color 764B75.

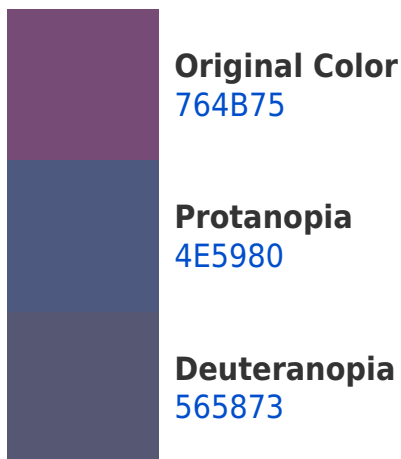


This preview shows how white text looks on a background with the Hex color 764B75.

# 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**  
725157

# Trichromacy



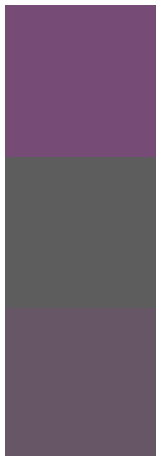
**Original Color**  
764B75

**Protanomaly**  
5D547C

**Deuteranomaly**  
625374

**Tritanomaly**  
734F62

# Monochromacy



**Original Color**  
764B75

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
665666

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764B75 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 #764B75 looks like.

```
.text, #text, p{  
    color:#764B75  
}
```

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 #764B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764B75
}
```

## Border

The CSS property to change the border of an element to Hex 764B75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

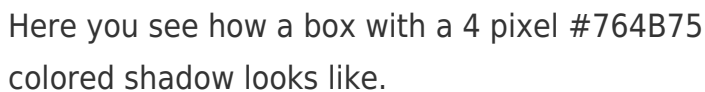
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#764B75 }
```

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

```
.border{ border-color:#764B75 }
```

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



Here you see how a box with a 4 pixel `#764B75` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764B75; -webkit-box-shadow:4px 4px  
4px 4px #764B75; box-shadow:4px 4px 4px  
4px #764B75 }
```

# Background

The CSS property to change the background color of an element to Hex 764B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764B75 }
```

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

```
.background{ background-color:#764B75 }
```

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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