

# Converting Colors

Hex(764D75)

Have a look what the booklet for  
Hex(764D75) contains.

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**Color**

**Hex(764D75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	764D75
RGB	118, 77, 117
RGB Percent	46%, 30%, 46%
CMY	0.5373, 0.6980, 0.5412
CMYK	0.00, 0.35, 0.01, 0.54
HSL	301°, 21%, 38%
HSV	301°, 35%, 46%
XYZ	13.3360, 10.4437, 18.1426
YIQ	93.8190, 11.5960, 21.1320

# Conversions

## Conversions Part 2

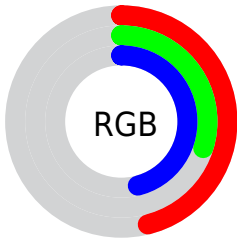
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 77, 117
Decimal	7753077
CIE Lab	38.63, 24.35, -15.87
CIE LCh	39, 29.068, 326.910
Yxy	10.4437, 0.3181, 0.2491
Android (android.graphics.Color)	4285943157 (0xFF764D75)
YUV	93.8190, 11.4282, 21.2067
Hunter-Lab	32.3167, 17.1067, -10.6637

# Details

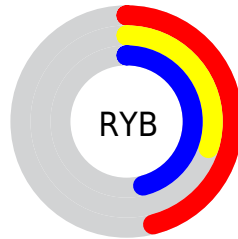
The Hex color **764D75** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4D764E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AB7FA9**, and **451F45** is the 20% darker color. If you saturate the color by 10%, you get **764175**, and if you desaturate by 10%, it is **765975**.

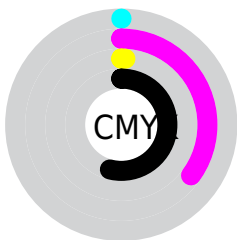
# Distribution



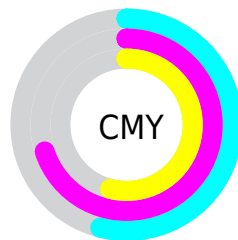
- Red (46%)
- Green (30%)
- Blue (46%)



- Red (46%)
- Yellow (30%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (1%)
- Black (54%)



- Cyan (54%)
- Magenta (70%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764D75 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 764D75 by changing the saturation by 10% instead.



 764D75

 764D75

FFFFFF

 5D365C

 AB7FA9

 451F45

 C699C4

 2D092E

 E3B4E0

 19001A

 FFD0FD

 000000

 FFECFF

 764D75

 764D75

 764175

 765975

 763574

 766576

762A74

767076

761E74

767C76

761274

768876

760673

769477

760073

76A077

76AB77

76B778

# Harmonies

## Analogous

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



595685



764D75



85485E

# Triad

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



764D75



6C592B



006770

# Complementary

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



764D75



4D764E

# 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.



086758



764D75



546030

# Square

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



764D75



7E5034



376540



006482

# Rectangle

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



764D75



88484E



376540



006768



# Sweetspot

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



764D75



998A99



4E4D76



4D434C



CCCCCC



4D4D4D



# Same Dimension

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



764D75



995997



764D61



3B353B



7A0077



FA00F4



# Inverse Universe

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



764D75



995997



4D7662



3B353B



7A0077

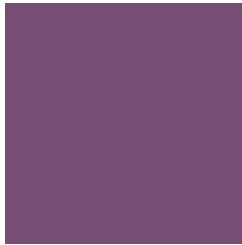


FA00F4



# Previews

## White Background



This preview shows how the Hex color 764D75 looks on a white background.

## Color Contrast Check

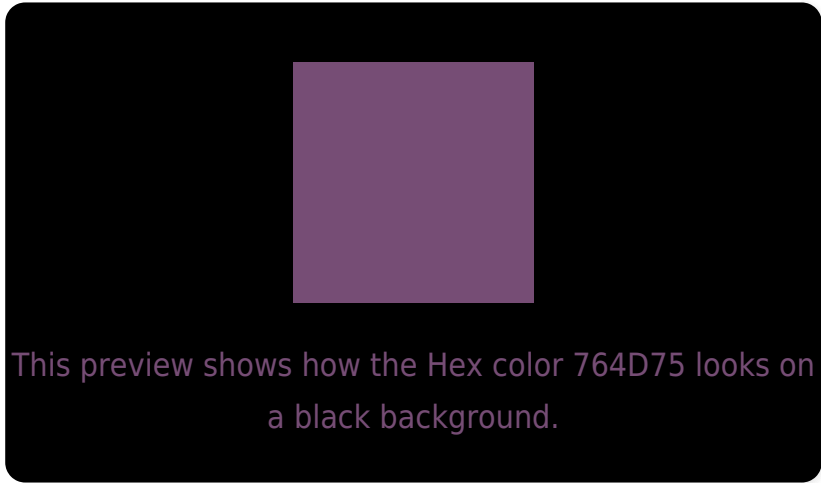
Large Text (above 18pt) WCAG AA ✓ Pass

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

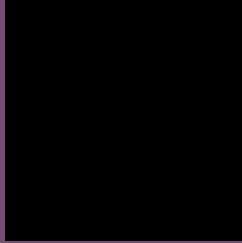
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 764D75 Background



This preview shows how black text looks on a background with the Hex color 764D75.

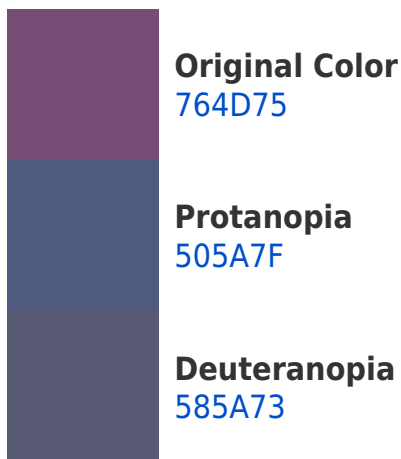


This preview shows how white text looks on a background with the Hex color 764D75.

# 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**  
725359

# Trichromacy



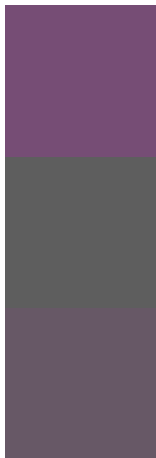
**Original Color**  
764D75

**Protanomaly**  
5E557B

**Deuteranomaly**  
635574

**Tritanomaly**  
735163

# Monochromacy



**Original Color**  
764D75

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
675866

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764D75 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 #764D75 looks like.

```
.text, #text, p{  
    color:#764D75  
}
```

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 #764D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764D75
}
```

## Border

The CSS property to change the border of an element to Hex 764D75 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
#764D75 }
```

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

```
.border{ border-color:#764D75 }
```

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

Here you see how a box with a 4 pixel #764D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764D75; -webkit-box-shadow:4px 4px  
4px 4px #764D75; box-shadow:4px 4px 4px  
4px #764D75 }
```

# Background

The CSS property to change the background color of an element to Hex 764D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764D75 }
```

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

```
.background{ background-color:#764D75 }
```

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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