

# Converting Colors

Hex(764068)

Have a look what the booklet for  
Hex(764068) contains.

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# Color

**Hex(764068)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	764068
RGB	118, 64, 104
RGB Percent	46%, 25%, 41%
CMY	0.5373, 0.7490, 0.5922
CMYK	0.00, 0.46, 0.12, 0.54
HSL	316°, 30%, 36%
HSV	316°, 46%, 46%
XYZ	11.8033, 8.5178, 14.1187
YIQ	84.7060, 19.3440, 23.8880

# Conversions

## Conversions Part 2

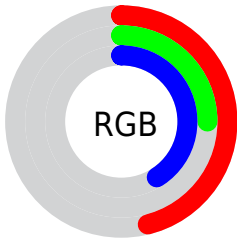
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 64, 104
Decimal	7749736
CIE Lab	35.04, 29.46, -13.23
CIE LCh	35, 32.295, 335.813
Yxy	8.5178, 0.3427, 0.2473
Android (android.graphics.Color)	4285939816 (0xFF764068)
YUV	84.7060, 9.5119, 29.1988
Hunter-Lab	29.1853, 21.1158, -8.2525

# Details

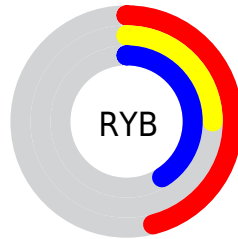
The Hex color **764068** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40764E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **AB719B**, and **441139** is the 20% darker color. If you saturate the color by 10%, you get **763465**, and if you desaturate by 10%, it is **764C6B**.

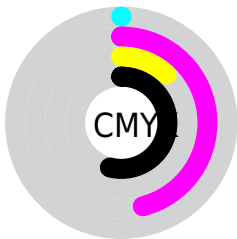
# Distribution



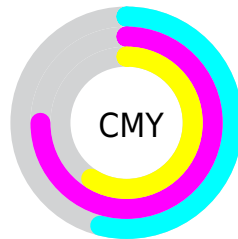
- Red (46%)
- Green (25%)
- Blue (41%)



- Red (46%)
- Yellow (25%)
- Blue (41%)



- Cyan (0%)
- Magenta (46%)
- Yellow (12%)
- Black (54%)



- Cyan (54%)
- Magenta (75%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764068 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 764068 by changing the saturation by 10% instead.



 764068

 764068

FFFFFF

 5C2850

 AB719B

 441139

 C78BB6

 2D0023

 E4A6D2

 0F000C

 FFC1EE

 000000

 FFDEFF

 FFFAFF

 764068

 764068

 763465

 764C6B

762862

76586E

761D5F

766371

76115C

766F74

760559

767B77

760057

76877A

76937D

769E80

76AA84

# Harmonies

## Analogous

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



5B4A7C



764068



823C4E

# Triad

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



764068



5C531D



005E70

# Complementary

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



764068



40764E

# 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.



005F57



764068



415A27

# Square

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



764068



724923



1B5E3C



005B81

# Rectangle

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



764068



823E3D



1B5E3C



005F68



# Sweetspot

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



764068



998493



4E4076



4D3F49



CCCCCC



4D4D4D



# Same Dimension

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



764068



994583



76404E



3B3539



7A005B



FA00B9



# Inverse Universe

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



764068



994583



407668



3B3539



7A005B

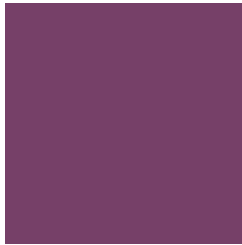


FA00B9



# Previews

## White Background



This preview shows how the Hex color 764068 looks on a white background.

## Color Contrast Check

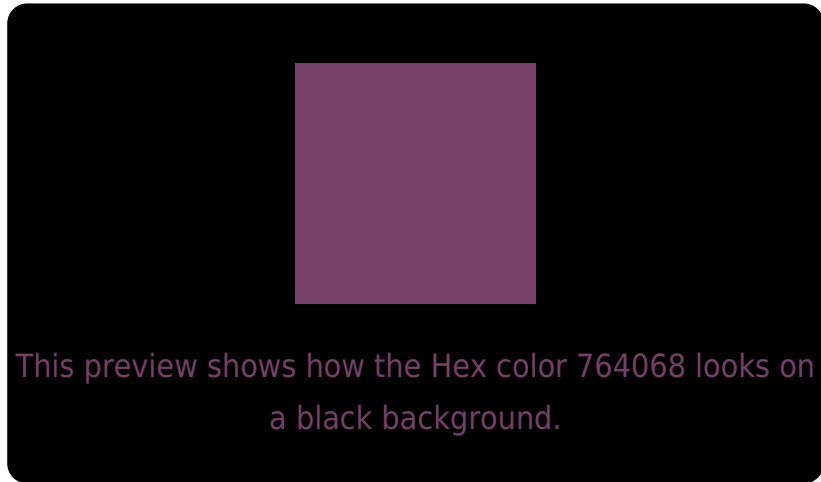
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

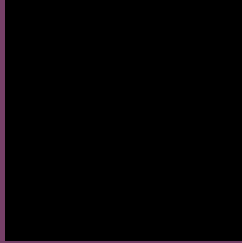
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 764068 Background



This preview shows how black text looks on a background with the Hex color 764068.



This preview shows how white text looks on a background with the Hex color 764068.

# 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**  
73464B

# Trichromacy



**Original Color**  
764068

**Protanomaly**  
594B70

**Deuteranomaly**  
5F4B66

**Tritanomaly**  
744456

# Monochromacy



**Original Color**  
764068

**Achromatopsia**  
555555

**Achromatomaly**  
614D5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764068 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 #764068 looks like.

```
.text, #text, p{  
    color:#764068  
}
```

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 #764068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764068
}
```

## Border

The CSS property to change the border of an element to Hex 764068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

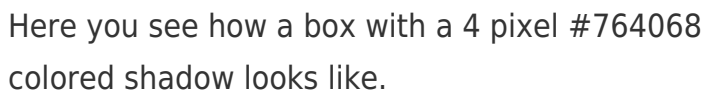
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#764068 }
```

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

```
.border{ border-color:#764068 }
```

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



Here you see how a box with a 4 pixel #764068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764068; -webkit-box-shadow:4px 4px  
4px 4px #764068; box-shadow:4px 4px 4px  
4px #764068 }
```

# Background

The CSS property to change the background color of an element to Hex 764068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764068 }
```

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

```
.background{ background-color:#764068 }
```

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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