

# Converting Colors

Hex(76465C)

Have a look what the booklet for  
Hex(76465C) contains.

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# Color

**Hex(76465C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76465C
RGB	118, 70, 92
RGB Percent	46%, 27%, 36%
CMY	0.5373, 0.7255, 0.6392
CMYK	0.00, 0.41, 0.22, 0.54
HSL	332°, 26%, 37%
HSV	332°, 41%, 46%
XYZ	11.5931, 9.0046, 11.2522
YIQ	86.8600, 21.5460, 17.0180

# Conversions

## Conversions Part 2

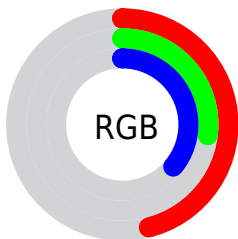
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	118, 70, 92
Decimal	7751260
CIE Lab	35.99, 23.86, -4.21
CIE LCh	36, 24.226, 349.989
Yxy	9.0046, 0.3640, 0.2827
Android (android.graphics.Color)	4285941340 (0xFF76465C)
YUV	86.8600, 2.5340, 27.3098
Hunter-Lab	30.0076, 16.4483, -1.2272

# Details

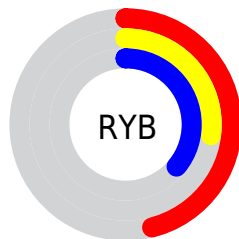
The Hex color **76465C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **467660**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AB778E**, and **44182E** is the 20% darker color. If you saturate the color by 10%, you get **763A56**, and if you desaturate by 10%, it is **765262**.

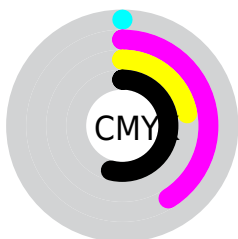
# Distribution



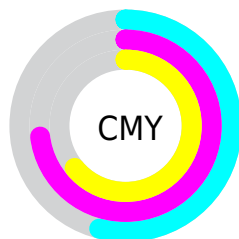
- Red (46%)
- Green (27%)
- Blue (36%)



- Red (46%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (54%)



- Cyan (54%)
- Magenta (73%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76465C 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 76465C by changing the saturation by 10% instead.



 76465C

 76465C

FFFFFF

 5D2F45

 AB778E

 44182E

 C791A9

 2D021A

 E3ACC4

 100000

 FFC8E0

 000000

 FFE4FC

 76465C

 76465C

 763A56

 765262

 762E4F

 765E69

 762349

 76696F

 761742

 767576

 760B3C

 76817C

 760036

 768D82

 769989

 76A48F

 76B096

# Harmonies

## Analogous

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



674B6E



76465C



7A4648

# Triad

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



76465C



54582F



005D72

# Complementary

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



76465C



467660

# 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.



005F61



76465C



3E5C3B

# Square

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



76465C



67512E



235F4D



2B597B

# Rectangle

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



76465C



77493D



235F4D



005E6D



# Sweetspot

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



76465C



99878F



604676



4D4247



CCCCCC



4D4D4D



# Same Dimension

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



76465C



994E70



764846



3B3537



7A0038



FA0073



# Inverse Universe

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



76465C



994E70



467476



3B3537



7A0038

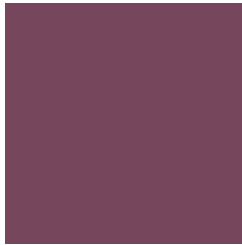


FA0073



# Previews

## White Background



This preview shows how the Hex color 76465C looks on a white background.

## Color Contrast Check

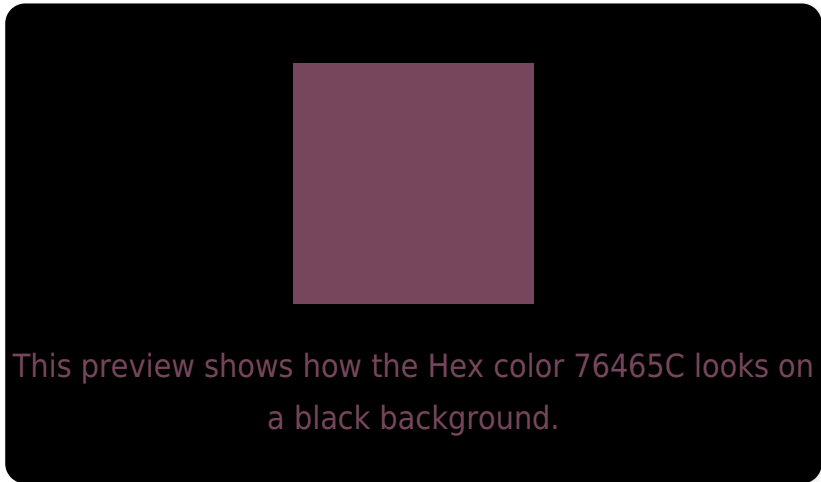
Large Text (above 18pt) WCAG AA ✓ Pass

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

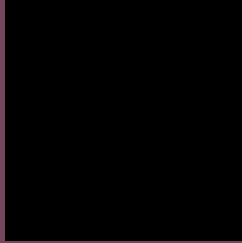
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76465C Background



This preview shows how black text looks on a background with the Hex color 76465C.



This preview shows how white text looks on a background with the Hex color 76465C.

# 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



**Original Color**  
76465C

**Protanopia**  
525465

**Deuteranopia**  
5B535A



**Tritanopia**  
75494E

# Trichromacy



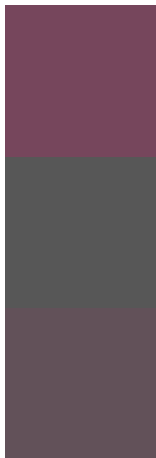
**Original Color**  
76465C

**Protanomaly**  
5F4F62

**Deuteranomaly**  
654E5B

**Tritanomaly**  
754853

# Monochromacy



**Original Color**  
76465C

**Achromatopsia**  
575757

**Achromatomaly**  
625159

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76465C 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 #76465C looks like.

```
.text, #text, p{  
    color:#76465C  
}
```

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 #76465C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76465C
}
```

## Border

The CSS property to change the border of an element to Hex 76465C is called "border". The border property can be set on classes, ids or directly on the HTML element.

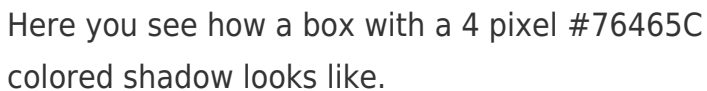
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76465C }
```

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

```
.border{ border-color:#76465C }
```

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



Here you see how a box with a 4 pixel `#76465C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76465C; -webkit-box-shadow:4px 4px  
4px 4px #76465C; box-shadow:4px 4px 4px  
4px #76465C }
```

# Background

The CSS property to change the background color of an element to Hex 76465C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76465C }
```

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

```
.background{ background-color:#76465C }
```

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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