

# Converting Colors

Hex(76365C)

Have a look what the booklet for  
Hex(76365C) contains.

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**Color**

**Hex(76365C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76365C
RGB	118, 54, 92
RGB Percent	46%, 21%, 36%
CMY	0.5373, 0.7882, 0.6392
CMYK	0.00, 0.54, 0.22, 0.54
HSL	324°, 37%, 34%
HSV	324°, 54%, 46%
XYZ	10.7221, 7.2626, 10.9619
YIQ	77.4680, 25.9460, 25.3860

# Conversions

## Conversions Part 2

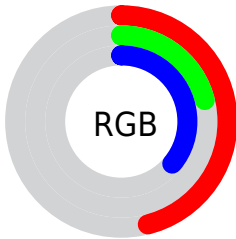
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 54, 92
Decimal	7747164
CIE <sub>Lab</sub>	32.40, 32.98, -9.60
CIE <sub>LCh</sub>	32, 34.351, 343.777
Yxy	7.2626, 0.3704, 0.2509
Android (android.graphics.Color)	4285937244 (0xFF76365C)
YUV	77.4680, 7.1643, 35.5466
Hunter-Lab	26.9492, 23.8578, -5.2525

# Details

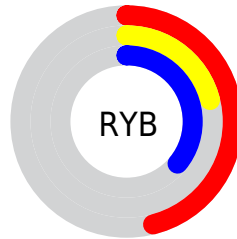
The Hex color **76365C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **367650**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **AC678E**, and **43032E** is the 20% darker color. If you saturate the color by 10%, you get **762A57**, and if you desaturate by 10%, it is **764261**.

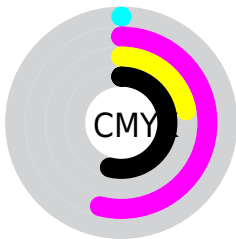
# Distribution



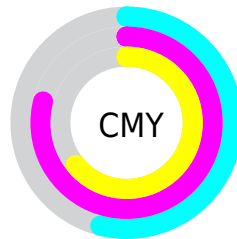
- Red (46%)
- Green (21%)
- Blue (36%)



- Red (46%)
- Yellow (21%)
- Blue (36%)



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



- Cyan (54%)
- Magenta (79%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76365C 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 76365C by changing the saturation by 10% instead.



 76365C

 76365C

FFFFFF

 5C1E44


 AC678E

 43032E

 C881A9

 2D001A

 E59CC4

 010000

 FFB7E0

 000000

 FFD3FD

 FFF0FF

 76365C

 76365C

 762A57

 764261

 761E52

 764E66

 76134E

 76596A

 760749

 76656F

 760046

 767174

 767D79

 76897E

 769482

 76A087

# Harmonies

## Analogous

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



5E4073



76365C



7E3441

# Triad

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



76365C



4F4F13



005871

# Complementary

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



76365C



367650

# 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.



005958



76365C



315523

# Square

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



76365C



674616



00583C



005380

# Rectangle

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



76365C



7B3830



00583C



00596A



# Sweetspot

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



76365C



99818F



503676



4D3E47



CCCCCC



4D4D4D



# Same Dimension

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



76365C



993671



76363C



3B3538



7A0049



FA0094



# Inverse Universe

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



76365C



993671



367670



3B3538



7A0049

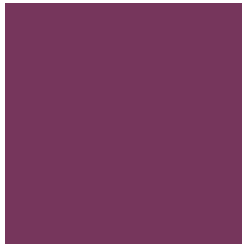


FA0094



# Previews

## White Background



This preview shows how the Hex color 76365C looks on a white background.

## Color Contrast Check

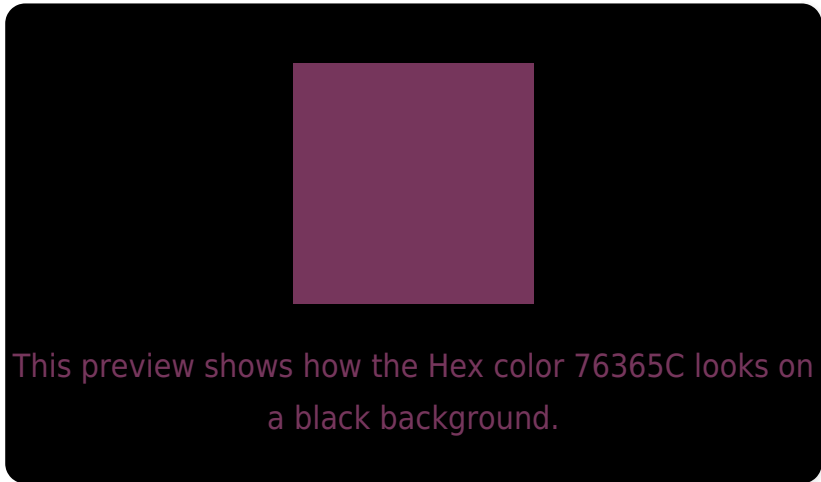
Large Text (above 18pt) WCAG AA ✓ Pass

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

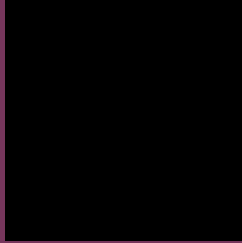
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76365C Background



This preview shows how black text looks on a background with the Hex color 76365C.

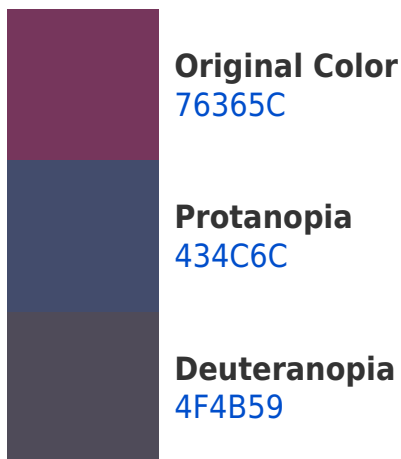



This preview shows how white text looks on a background with the Hex color 76365C.

# 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**  
733C40

# Trichromacy



**Original Color**  
76365C

**Protanomaly**  
564466

**Deuteranomaly**  
5D435A

**Tritanomaly**  
743A4A

# Monochromacy



**Original Color**  
76365C

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
5C4552

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76365C 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 #76365C looks like.

```
.text, #text, p{  
    color:#76365C  
}
```

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 #76365C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76365C
}
```

## Border

The CSS property to change the border of an element to Hex 76365C is called "border". The border property can be set on classes, ids or directly on the HTML element.

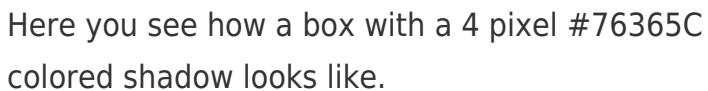
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76365C }
```

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

```
.border{ border-color:#76365C }
```

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



Here you see how a box with a 4 pixel `#76365C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76365C; -webkit-box-shadow:4px 4px  
4px 4px #76365C; box-shadow:4px 4px 4px  
4px #76365C }
```

# Background

The CSS property to change the background color of an element to Hex 76365C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76365C }
```

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

```
.background{ background-color:#76365C }
```

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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