

# Converting Colors

Hex(75235F)

Have a look what the booklet for  
Hex(75235F) contains.

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# Color

**Hex(75235F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75235F
RGB	117, 35, 95
RGB Percent	46%, 14%, 37%
CMY	0.5412, 0.8627, 0.6275
CMYK	0.00, 0.70, 0.19, 0.54
HSL	316°, 54%, 30%
HSV	316°, 70%, 46%
XYZ	10.0027, 5.8102, 11.4208
YIQ	66.3580, 29.6120, 36.0440

# Conversions

## Conversions Part 2

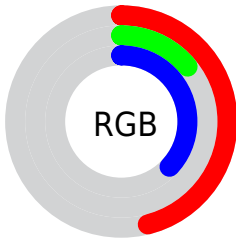
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 35, 95
Decimal	7676767
CIELab	28.93, 42.41, -16.86
CIElCh	29, 45.635, 338.321
Yxy	5.8102, 0.3673, 0.2133
Android (android.graphics.Color)	4285866847 (0xFF75235F)
YUV	66.3580, 14.1205, 44.4130
Hunter-Lab	24.1043, 31.8905, -11.2188

# Details

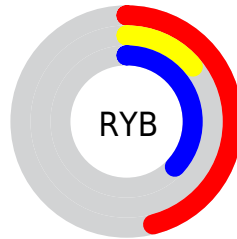
The Hex color **75235F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **237539**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **AC5792**, and **410031** is the 20% darker color. If you saturate the color by 10%, you get **75175C**, and if you desaturate by 10%, it is **752F62**.

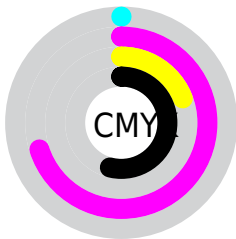
# Distribution



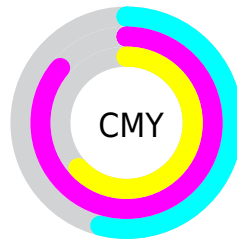
- Red (46%)
- Green (14%)
- Blue (37%)



- Red (46%)
- Yellow (14%)
- Blue (37%)



- Cyan (0%)
- Magenta (70%)
- Yellow (19%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75235F 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 75235F by changing the saturation by 10% instead.



 75235F

 75235F

FFFFFF

 5B0347

 AC5792

 410031

 C871AC

 2C001C

 E58BC8

 000000

 FFA6E4

 FFC2FF

 FFDFFF

 FFFCFF

 75235F

 75235F

 75175C

 752F62

 750C59

 753A65

 750056

 754668

 75526C

 755E6F

 756972

 757575

 758178

 758C7B

# Harmonies

## Analogous

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



51367C



75235F



821B3C

# Triad

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



75235F



4B4600



00536F

# Complementary

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



75235F



237539

# 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.



00544D



75235F



234E02

# Square

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



75235F



683900



005228



004F86

# Rectangle

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



75235F



7F2225



005228



005465



# Sweetspot

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



75235F



997990



392375



4D3947



CCCCCC



4D4D4D



# Same Dimension

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



75235F



991877



752336



3B3539



7A005A



FA00B7



# Inverse Universe

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



75235F



991877



237562



3B3539



7A005A

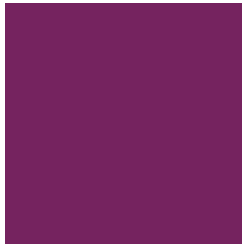


FA00B7



# Previews

## White Background



This preview shows how the Hex color 75235F looks on a white background.

## Color Contrast Check

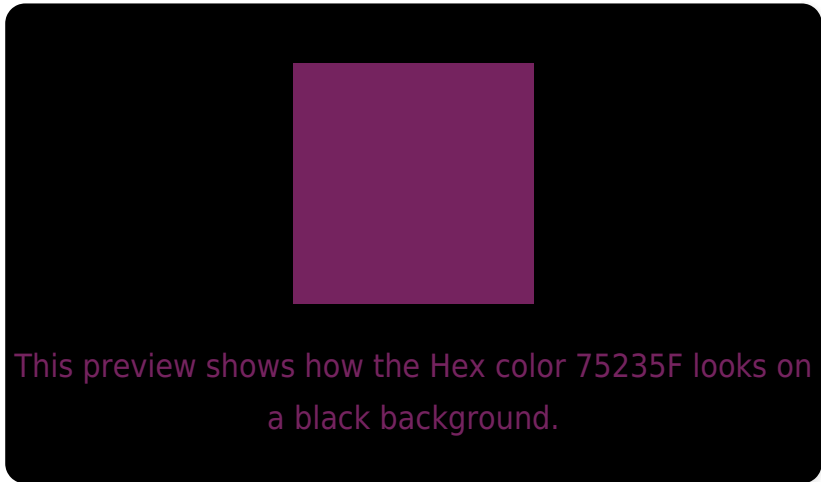
Large Text (above 18pt) WCAG AA ✓ Pass

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

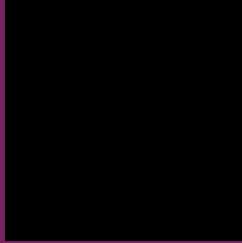
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75235F Background



This preview shows how black text looks on a background with the Hex color 75235F.

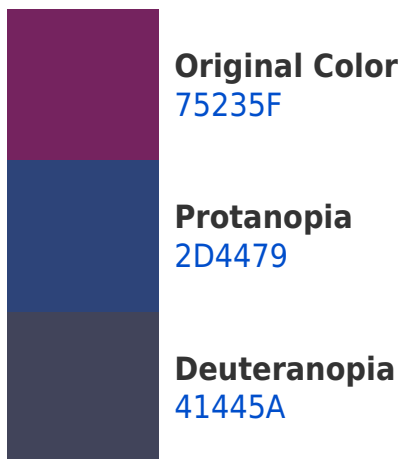



This preview shows how white text looks on a background with the Hex color 75235F.

# 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**  
713033

# Trichromacy



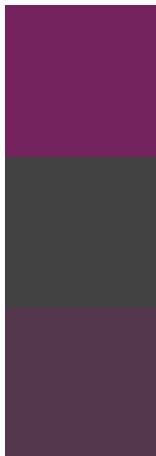
**Original Color**  
75235F

**Protanomaly**  
473870

**Deuteranomaly**  
54385C

**Tritanomaly**  
722B43

# Monochromacy



**Original Color**  
75235F

**Achromatopsia**  
424242

**Achromatomaly**  
55374D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75235F 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 #75235F looks like.

```
.text, #text, p{  
    color:#75235F  
}
```

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 #75235F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75235F
}
```

## Border

The CSS property to change the border of an element to Hex 75235F is called "border". The border property can be set on classes, ids or directly on the HTML element.

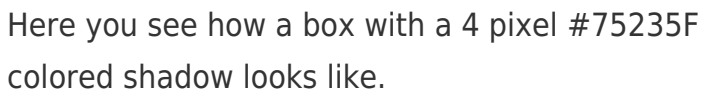
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75235F }
```

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

```
.border{ border-color:#75235F }
```

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



Here you see how a box with a 4 pixel #75235F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75235F; -webkit-box-shadow:4px 4px  
4px 4px #75235F; box-shadow:4px 4px 4px  
4px #75235F }
```

# Background

The CSS property to change the background color of an element to Hex 75235F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75235F }
```

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

```
.background{ background-color:#75235F }
```

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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