

Converting Colors

Hex(76245D)

Have a look what the booklet for
Hex(76245D) contains.

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Color

Hex(76245D)

Conversions

Conversions Part 1

Format	Color
Hex	76245D
RGB	118, 36, 93
RGB Percent	46%, 14%, 36%
CMY	0.5373, 0.8588, 0.6353
CMYK	0.00, 0.69, 0.21, 0.54
HSL	318°, 53%, 30%
HSV	318°, 69%, 46%
XYZ	10.0779, 5.9036, 10.9643
YIQ	67.0160, 30.5750, 35.1110

Conversions

Conversions Part 2

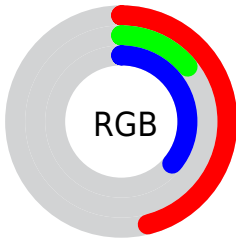
Format	Color
R _Y B	118, 36, 93
Decimal	7742557
CIE Lab	29.17, 41.96, -15.17
CIE LCh	29, 44.622, 340.124
Yxy	5.9036, 0.3740, 0.2191
Android (android.graphics.Color)	4285932637 (0xFF76245D)
YUV	67.0160, 12.8101, 44.7130
Hunter-Lab	24.2974, 31.5165, -9.7467

Details

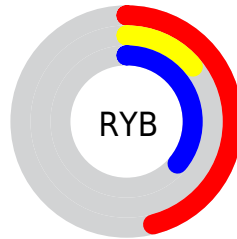
The Hex color **76245D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **24763D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **AD578F**, and **42002F** is the 20% darker color. If you saturate the color by 10%, you get **761859**, and if you desaturate by 10%, it is **763061**.

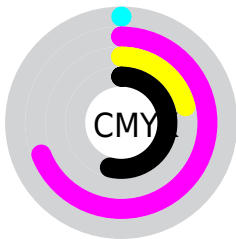
Distribution



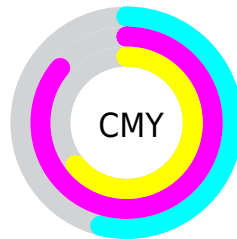
- Red (46%)
- Green (14%)
- Blue (36%)



- Red (46%)
- Yellow (14%)
- Blue (36%)



- Cyan (0%)
- Magenta (69%)
- Yellow (21%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76245D 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 76245D by changing the saturation by 10% instead.

 76245D

 76245D

FFFFFF

 5C0445

 AD578F

 42002F

 C971AA

 2C001B

 E68CC5

 000000

 FFA7E1

 FFC3FE

 FFDFFF

 FFFCFF

 76245D

 76245D

■ 761859

■ 763061

■ 760C56

■ 763C64

■ 760152

■ 764768

■ 760052

■ 76536B

■ 765F6F

■ 766B73

■ 767776

■ 76827A

■ 768E7D

Harmonies

Analogous

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



54367A



76245D



811D3B

Triad

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



76245D



4A4700



005371

Complementary

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



76245D



24763D

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.



005450



76245D



224F06

Square

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



76245D



663A00



00532C



004F86

Rectangle

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



76245D



7F2524



00532C



005467

Sweetspot

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



76245D



99798F



3D2476



4D3947



CCCCCC



4D4D4D

Same Dimension

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



76245D



991A72



762434



3B3539



7A0055



FA00AE

Inverse Universe

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



76245D



991A72



247666



3B3539



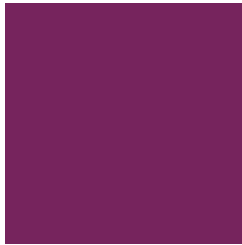
7A0055



FA00AE

Previews

White Background



This preview shows how the Hex color 76245D looks on a white background.

Color Contrast Check

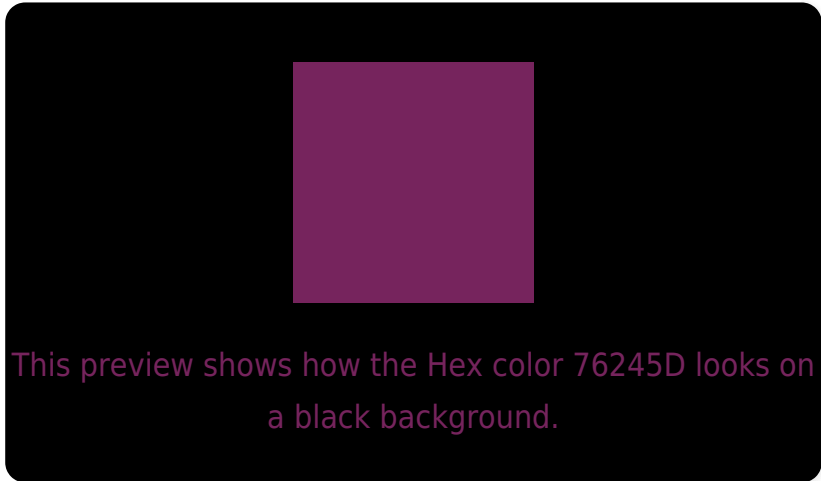
Large Text (above 18pt) WCAG AA ✓ Pass

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

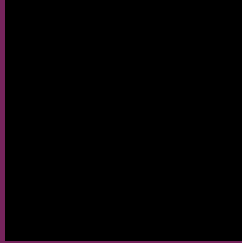
Any Text WCAG AA × Fail

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 76245D Background



This preview shows how black text looks on a background with the Hex color 76245D.



This preview shows how white text looks on a background with the Hex color 76245D.

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
76245D

Protanopia
314476

Deuteranopia
434558



Tritanopia
723033

Trichromacy



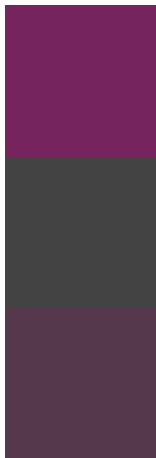
Original Color
76245D

Protanomaly
4A386D

Deuteranomaly
56395A

Tritanomaly
732C42

Monochromacy



Original Color
76245D

Achromatopsia
434343

Achromatomaly
56384C

CSS Examples

Text

The CSS property to change the color of the text to Hex 76245D 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 #76245D looks like.

```
.text, #text, p{  
    color:#76245D  
}
```

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 #76245D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76245D
}
```

Border

The CSS property to change the border of an element to Hex 76245D is called "border". The border property can be set on classes, ids or directly on the HTML element.

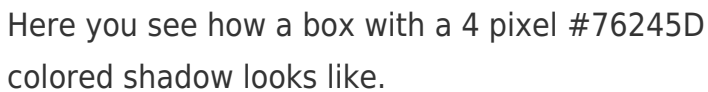
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76245D }
```

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

```
.border{ border-color:#76245D }
```

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



Here you see how a box with a 4 pixel `#76245D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76245D; -webkit-box-shadow:4px 4px  
4px 4px #76245D; box-shadow:4px 4px 4px  
4px #76245D }
```

Background

The CSS property to change the background color of an element to Hex 76245D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76245D }
```

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

```
.background{ background-color:#76245D }
```

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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