

Converting Colors

Hex(76357E)

Have a look what the booklet for
Hex(76357E) contains.

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Color

Hex(76357E)

Conversions

Conversions Part 1

Format	Color
Hex	76357E
RGB	118, 53, 126
RGB Percent	46%, 21%, 49%
CMY	0.5373, 0.7922, 0.5059
CMYK	0.06, 0.58, 0.00, 0.51
HSL	293°, 41%, 35%
HSV	293°, 58%, 49%
XYZ	12.5102, 7.9041, 20.6049
YIQ	80.7570, 15.3070, 36.4830

Conversions

Conversions Part 2

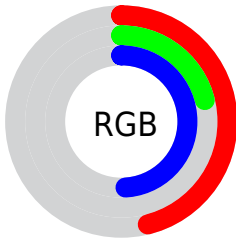
Format	Color
R_{YB}	118, 53, 126
Decimal	7746942
CIE _{Lab}	33.78, 39.76, -28.99
CIE _{LCh}	34, 49.207, 323.900
Yxy	7.9041, 0.3050, 0.1927
Android (android.graphics.Color)	4285937022 (0xFF76357E)
YUV	80.7570, 22.3048, 32.6621
Hunter-Lab	28.1143, 30.2285, -23.7737

Details

The Hex color **76357E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D7E35**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AC67B3**, and **43004C** is the 20% darker color. If you saturate the color by 10%, you get **75287E**, and if you desaturate by 10%, it is **77427E**.

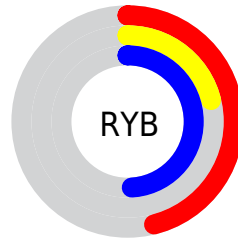
Distribution



Red (46%)

Green (21%)

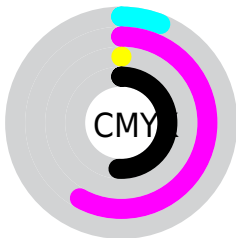
Blue (49%)



Red (46%)

Yellow (21%)

Blue (49%)

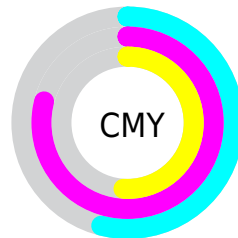


Cyan (6%)

Magenta (58%)

Yellow (0%)

Black (51%)



Cyan (54%)

Magenta (79%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76357E 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 76357E by changing the saturation by 10% instead.

 76357E

 76357E

FFFFFF

 5C1C65

 AC67B3

 43004C

 C881CF

 2C0035

 E59CEB

 0C001F

 FFB7FF

 000003

 FFD3FF

 000000

 FFF0FF

 76357E

 76357E

 75287E

 77427E

731C7E

794E7E

720F7E

7A5B7E

70037E

7C677E

70007E

7D747E

7E817E

808D7E

819A7E

82A67E

Harmonies

Analogous

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



3B4997



76357E



902459

Triad

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



76357E



674B00



00616E

Complementary

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



76357E



3D7E35

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.



006046



76357E



435700

Square

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



76357E



833A0D



005D1D



005E8E

Rectangle

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



76357E



94243F



005D1D



006161

Sweetspot

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



76357E



A087A3



353E7E



504152



D1D1D1



525252

Same Dimension

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



76357E



9731A3



7E3562



3F3940



720080



000000

Inverse Universe

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



7E353D



A3313D



357E51



40393A



80000E



000000

Previews

White Background



This preview shows how the Hex color 76357E looks on a white background.

Color Contrast Check

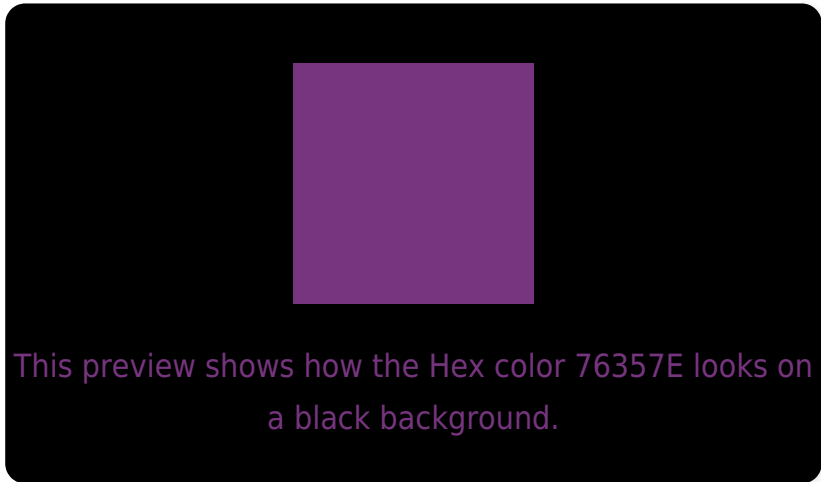
Large Text (above 18pt) WCAG AA ✓ Pass

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

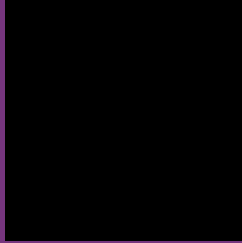
Any Text WCAG AA × Fail

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 76357E Background



This preview shows how black text looks on a background with the Hex color 76357E.

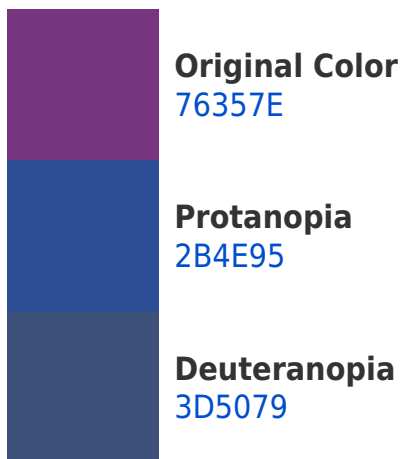



This preview shows how white text looks on a background with the Hex color 76357E.

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
6F4449

Trichromacy



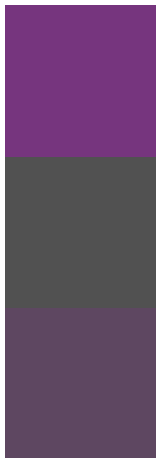
Original Color
76357E

Protanomaly
46458D

Deuteranomaly
52467B

Tritanomaly
723F5C

Monochromacy



Original Color
76357E

Achromatopsia
515151

Achromatomaly
5E4761

CSS Examples

Text

The CSS property to change the color of the text to Hex 76357E 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 #76357E looks like.

```
.text, #text, p{  
    color:#76357E  
}
```

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 #76357E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76357E
}
```

Border

The CSS property to change the border of an element to Hex 76357E is called "border". The border property can be set on classes, ids or directly on the HTML element.

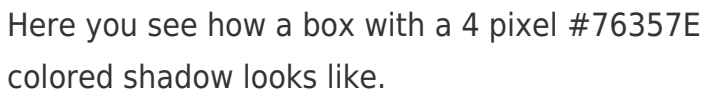
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76357E }
```

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

```
.border{ border-color:#76357E }
```

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



Here you see how a box with a 4 pixel #76357E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76357E; -webkit-box-shadow:4px 4px  
4px 4px #76357E; box-shadow:4px 4px 4px  
4px #76357E }
```

Background

The CSS property to change the background color of an element to Hex 76357E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76357E }
```

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

```
.background{ background-color:#76357E }
```

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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