

# Converting Colors

Hex(67375D)

Have a look what the booklet for  
Hex(67375D) contains.

|  |    |
|--|----|
| <b>Hex(67375D)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(67375D)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 67375D                    |
| RGB           | 103, 55, 93               |
| RGB Percent   | 40%, 22%, 36%             |
| CMY           | 0.5961, 0.7843, 0.6353    |
| CMYK          | 0.00, 0.47, 0.10, 0.60    |
| HSL           | 312°, 30%, 31%            |
| HSV           | 312°, 47%, 40%            |
| XYZ           | 8.9355, 6.4063, 11.1215   |
| YIQ           | 73.6840, 16.4100, 21.9940 |

# Conversions

## Conversions Part 2

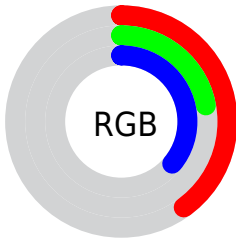
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 103, 55, 93                  |
| Decimal                             | 6764381                      |
| CIE <sub>Lab</sub>                  | 30.42, 27.29, -13.46         |
| CIE <sub>LCh</sub>                  | 30, 30.427, 333.737          |
| Yxy                                 | 6.4063, 0.3377,<br>0.2421    |
| Android<br>(android.graphics.Color) | 4284954461<br>(0xFF67375D)   |
| YUV                                 | 73.6840, 9.5228,<br>25.7101  |
| Hunter-Lab                          | 25.3106, 18.7230,<br>-8.3347 |




# Details

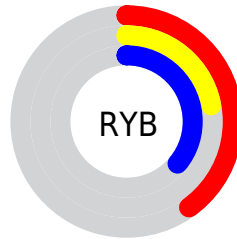
The Hex color **67375D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **376741**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **9B678F**, and **36092F** is the 20% darker color. If you saturate the color by 10%, you get **672D5B**, and if you desaturate by 10%, it is **67415F**.

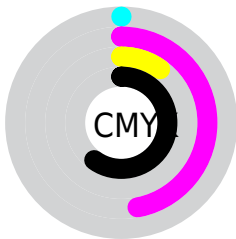
# Distribution







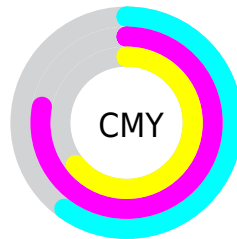
-  Red (40%)
-  Green (22%)
-  Blue (36%)






-  Red (40%)
-  Yellow (22%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (47%)
-  Yellow (10%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (78%)
-  Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67375D 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 67375D by changing the saturation by 10% instead.



67375D

67375D

FFFFFF

4E2045

9B678F

36092F

B781AA

24001B

D29BC5

000000

EFB6E1

FFD2FE

FFEEFF

67375D

67375D

672D5B

67415F

672259

674C61

671857

675663

670E54

676066

670452

676B68

670052

67756A

677F6C

67896E

679470

# Harmonies

## Analogous

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



4D406F



67375D



733346

# Triad

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



67375D



524716



005361

# Complementary

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



67375D



376741

# 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.



00534A



67375D



3A4E1E

# Square

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



67375D



653F1D



175232



005072

# Rectangle

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



67375D



733436



175232



00535A



# Sweetspot

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



67375D



877483



413767



453942



C4C4C4



454545



# Same Dimension

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



67375D



873B77



673745



332E32



73005B



F200C0



# Inverse Universe

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



67375D



873B77



376759



332E32



73005B

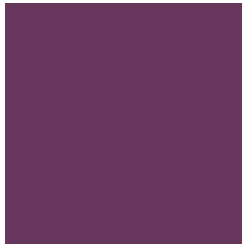


F200C0



# Previews

## White Background



This preview shows how the Hex color 67375D looks on a white background.

## Color Contrast Check

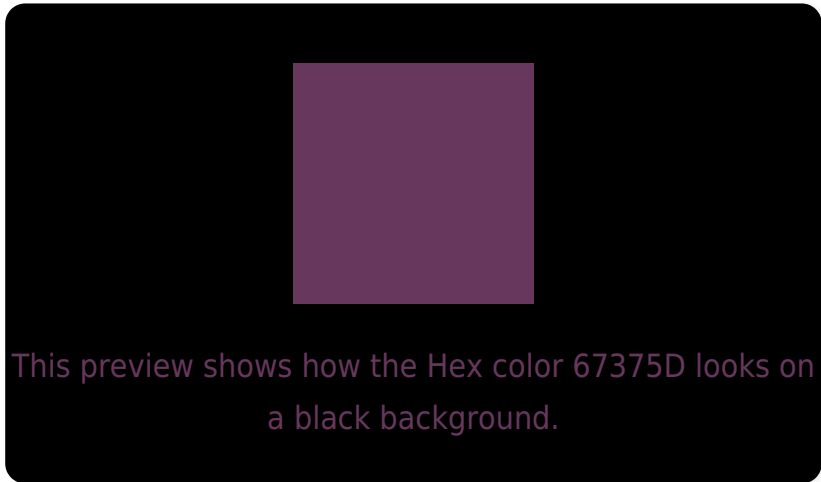
Large Text (above 18pt) WCAG AA ✓ Pass

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

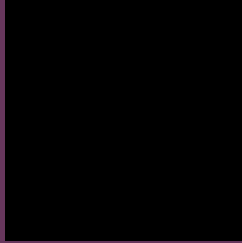
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 67375D Background



This preview shows how black text looks on a background with the Hex color 67375D.



This preview shows how white text looks on a background with the Hex color 67375D.

# 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**  
67375D

**Protanopia**  
3D4769

**Deuteranopia**  
46475A



**Tritanopia**  
643D42

# Trichromacy



**Original Color**  
67375D

**Protanomaly**  
4C4165

**Deuteranomaly**  
52415B

**Tritanomaly**  
653B4C

# Monochromacy



**Original Color**  
67375D

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
554351

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67375D 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 #67375D looks like.

```
.text, #text, p{  
    color:#67375D  
}
```

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 #67375D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67375D
}
```

## Border

The CSS property to change the border of an element to Hex 67375D is called "border". The border property can be set on classes, ids or directly on the HTML element.

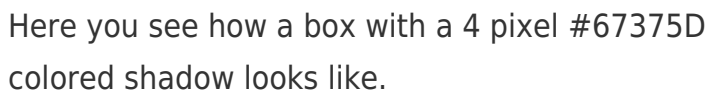
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67375D }
```

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

```
.border{ border-color:#67375D }
```

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



Here you see how a box with a 4 pixel #67375D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67375D; -webkit-box-shadow:4px 4px  
4px 4px #67375D; box-shadow:4px 4px 4px  
4px #67375D }
```

# Background

The CSS property to change the background color of an element to Hex 67375D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67375D }
```

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

```
.background{ background-color:#67375D }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor