

# Converting Colors

Hex(67365E)

Have a look what the booklet for  
Hex(67365E) contains.

|                                                |    |
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# Color

**Hex(67365E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 67365E                    |
| RGB           | 103, 54, 94               |
| RGB Percent   | 40%, 21%, 37%             |
| CMY           | 0.5961, 0.7882, 0.6314    |
| CMYK          | 0.00, 0.48, 0.09, 0.60    |
| HSL           | 311°, 31%, 31%            |
| HSV           | 311°, 48%, 40%            |
| XYZ           | 8.9331, 6.3301, 11.3407   |
| YIQ           | 73.2110, 16.3640, 22.8280 |

# Conversions

## Conversions Part 2

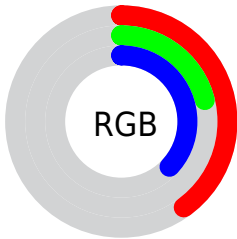
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 103, 54, 94                  |
| Decimal                             | 6764126                      |
| CIELab                              | 30.23, 28.06, -14.39         |
| CIELCh                              | 30, 31.537, 332.847          |
| Yxy                                 | 6.3301, 0.3358,<br>0.2379    |
| Android<br>(android.graphics.Color) | 4284954206<br>(0xFF67365E)   |
| YUV                                 | 73.2110, 10.2490,<br>26.1250 |
| Hunter-Lab                          | 25.1596, 19.3482,<br>-9.1132 |

# Details

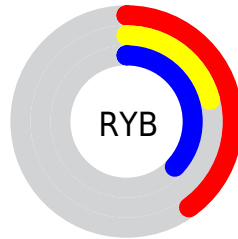
The Hex color **67365E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **36673F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9B6690**, and **360730** is the 20% darker color. If you saturate the color by 10%, you get **672C5C**, and if you desaturate by 10%, it is **674060**.

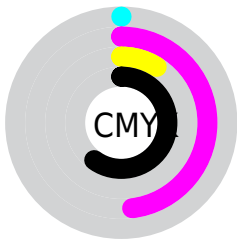
# Distribution



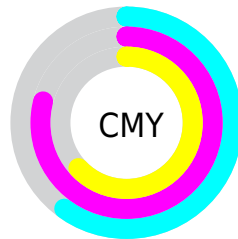
- Red (40%)
- Green (21%)
- Blue (37%)



- Red (40%)
- Yellow (21%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (60%)



- Cyan (60%)
- Magenta (79%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67365E 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 67365E by changing the saturation by 10% instead.



67365E

67365E

FFFFFF

4E1F46

9B6690

360730

B780AB

24001C

D39AC6

000000

EFB5E2

FFD1FF

FFEEFF

67365E

67365E

672C5C

674060

67215A

674B62

671758

675564

670D56

675F66

670255

676A67

670054

677469

677E6B

67886D

67936F

# Harmonies

## Analogous

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



4B4071



67365E



743146

# Triad

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



67365E



534713



005361

# Complementary

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



67365E



36673F

# 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.



005349



67365E



394D1C

# Square

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



67365E



663E1B



155230



005072

# Rectangle

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



67365E



743336



155230



005359



# Sweetspot

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



67365E



877484



3F3667



453943



C4C4C4



454545



# Same Dimension

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



67365E



873A79



673646



332E32



73005E



F200C6



# Inverse Universe

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



67365E



873A79



366757



332E32



73005E

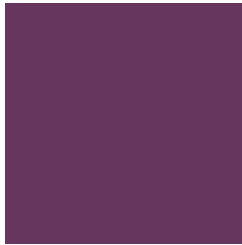


F200C6



# Previews

## White Background



This preview shows how the Hex color 67365E looks on a white background.

## Color Contrast Check

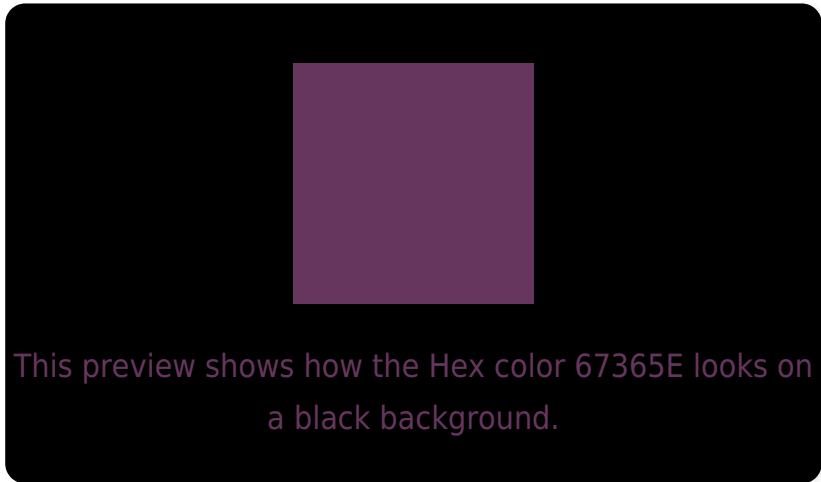
Large Text (above 18pt) WCAG AA ✓ Pass

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

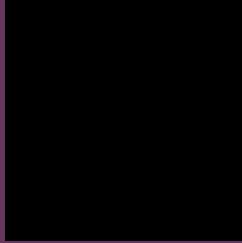
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 67365E Background



This preview shows how black text looks on a background with the Hex color 67365E.

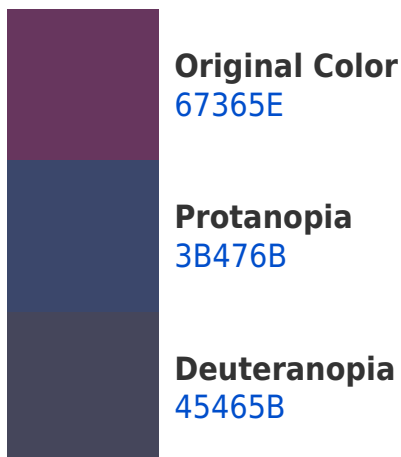


This preview shows how white text looks on a background with the Hex color 67365E.

# 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**  
643C41

# Trichromacy



**Original Color**  
67365E

**Protanomaly**  
4B4166

**Deuteranomaly**  
51405C

**Tritanomaly**  
653A4C

# Monochromacy



**Original Color**  
67365E

**Achromatopsia**  
494949

**Achromatomaly**  
544251

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67365E 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 #67365E looks like.

```
.text, #text, p{  
    color:#67365E  
}
```

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 #67365E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67365E
}
```

## Border

The CSS property to change the border of an element to Hex 67365E is called "border". The border property can be set on classes, ids or directly on the HTML element.

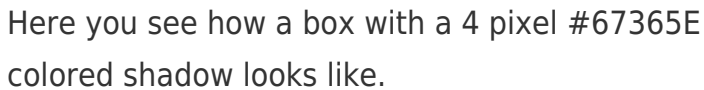
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67365E }
```

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

```
.border{ border-color:#67365E }
```

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



Here you see how a box with a 4 pixel #67365E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67365E; -webkit-box-shadow:4px 4px  
4px 4px #67365E; box-shadow:4px 4px 4px  
4px #67365E }
```

# Background

The CSS property to change the background color of an element to Hex 67365E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67365E }
```

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

```
.background{ background-color:#67365E }
```

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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