

# Converting Colors

Hex(67435F)

Have a look what the booklet for  
Hex(67435F) contains.

<b>Hex(67435F)</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(67435F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67435F
RGB	103, 67, 95
RGB Percent	40%, 26%, 37%
CMY	0.5961, 0.7373, 0.6275
CMYK	0.00, 0.35, 0.08, 0.60
HSL	313°, 21%, 33%
HSV	313°, 35%, 40%
XYZ	9.6662, 7.7241, 11.8079
YIQ	80.9560, 12.4680, 16.3400

# Conversions

## Conversions Part 2

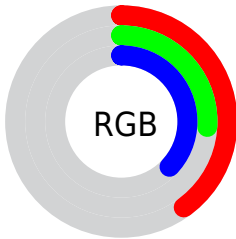
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 67, 95
Decimal	6767455
CIELab	33.40, 20.45, -10.20
CIELCh	33, 22.852, 333.490
Yxy	7.7241, 0.3311, 0.2645
Android (android.graphics.Color)	4284957535 (0xFF67435F)
YUV	80.9560, 6.9237, 19.3326
Hunter-Lab	27.7923, 13.4464, -5.7356

# Details

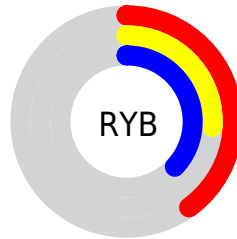
The Hex color **67435F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43674B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9B7491**, and **371731** is the 20% darker color. If you saturate the color by 10%, you get **67395D**, and if you desaturate by 10%, it is **674D61**.

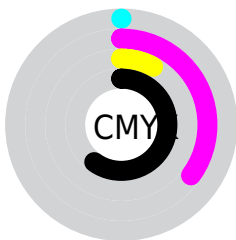
# Distribution



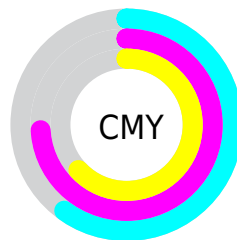
- Red (40%)
- Green (26%)
- Blue (37%)



- Red (40%)
- Yellow (26%)
- Blue (37%)



- Cyan (0%)
- Magenta (35%)
- Yellow (8%)
- Black (60%)



- Cyan (60%)
- Magenta (74%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67435F 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 67435F by changing the saturation by 10% instead.



67435F

67435F

FFFFFF

4E2C47

9B7491

371731

B68DAC

22001C

D2A8C7

000000

EEC3E3

FFDFFF

FFFCFF

67435F

67435F

67395D

674D61

672E5A

675864

672458

676266

671A56

676C68

670F54

67766A

670551

67816D

670050

678B6F

679571

67A074

# Harmonies

## Analogous

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



53496D



67435F



71404D

# Triad

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



67435F



584E2A



005862

# Complementary

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



67435F



43674B

# 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.



135850



67435F



455330

# Square

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



67435F



67482F



2F573E



13556E

# Rectangle

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



67435F



714141



2F573E



00585C



# Sweetspot

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



67435F



877A84



4B4367



453D43



C4C4C4



454545



# Same Dimension

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



67435F



874E7B



67434D



332E32



730059



F200BC



# Inverse Universe

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



67435F



874E7B



43675D



332E32



730059

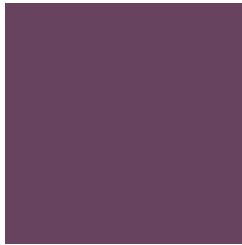


F200BC



# Previews

## White Background



This preview shows how the Hex color 67435F 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

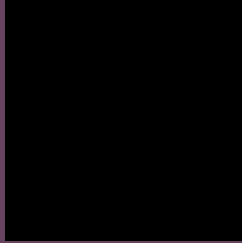
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 67435F Background



This preview shows how black text looks on a background with the Hex color 67435F.



This preview shows how white text looks on a background with the Hex color 67435F.

# 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**  
67435F

**Protanopia**  
484E67

**Deuteranopia**  
504D5D



**Tritanopia**  
65474C

# Trichromacy



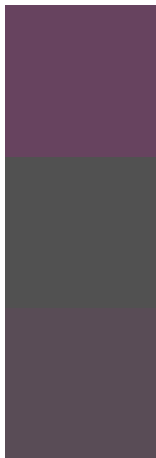
**Original Color**  
67435F

**Protanomaly**  
534A64

**Deuteranomaly**  
58495E

**Tritanomaly**  
664653

# Monochromacy



**Original Color**  
67435F

**Achromatopsia**  
515151

**Achromatomaly**  
594C56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67435F 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 #67435F looks like.

```
.text, #text, p{  
    color:#67435F  
}
```

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 #67435F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67435F
}
```

## Border

The CSS property to change the border of an element to Hex 67435F is called "border". The border property can be set on classes, ids or directly on the HTML element.

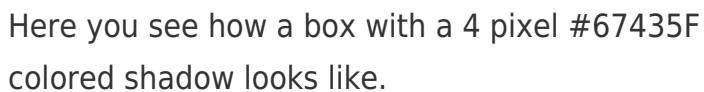
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67435F }
```

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

```
.border{ border-color:#67435F }
```

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



Here you see how a box with a 4 pixel #67435F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67435F; -webkit-box-shadow:4px 4px  
4px 4px #67435F; box-shadow:4px 4px 4px  
4px #67435F }
```

# Background

The CSS property to change the background color of an element to Hex 67435F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67435F }
```

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

```
.background{ background-color:#67435F }
```

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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