

Converting Colors

Hex(67313C)

Have a look what the booklet for
Hex(67313C) contains.

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Color

Hex(67313C)

Conversions

Conversions Part 1

Format	Color
Hex	67313C
RGB	103, 49, 60
RGB Percent	40%, 19%, 24%
CMY	0.5961, 0.8078, 0.7647
CMYK	0.00, 0.52, 0.42, 0.60
HSL	348°, 36%, 30%
HSV	348°, 52%, 40%
XYZ	7.5074, 5.4064, 4.9228
YIQ	66.4000, 28.6530, 14.8690

Conversions

Conversions Part 2

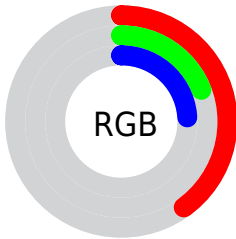
Format	Color
R_{YB}	103, 49, 60
Decimal	6762812
CIE _{Lab}	27.86, 25.47, 4.38
CIE _{LCh}	28, 25.840, 9.750
Yxy	5.4064, 0.4209, 0.3031
Android (android.graphics.Color)	4284952892 (0xFF67313C)
YUV	66.4000, -3.1552, 32.0982
Hunter-Lab	23.2517, 16.9429, 3.7234

Details

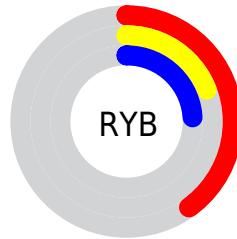
The Hex color **67313C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **31675C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9C616B**, and **350312** is the 20% darker color. If you saturate the color by 10%, you get **672734**, and if you desaturate by 10%, it is **673B44**.

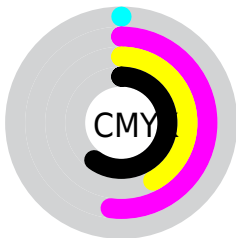
Distribution



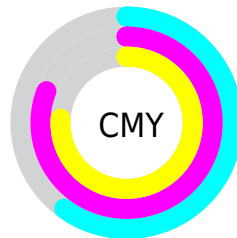
- Red (40%)
- Green (19%)
- Blue (24%)



- Red (40%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (52%)
- Yellow (42%)
- Black (60%)



- Cyan (60%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67313C 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 67313C by changing the saturation by 10% instead.

 67313C

 67313C

FFFFFF

 4E1A26

 9C616B

 350312

 B87A84

 1E0001

 D4949E

 000000

 F1AFB9

 FFCBD5

 FFE7F1

 67313C

 67313C

 672734

 673B44

671C2C

67464C

671223

675055

67081B

675A5D

670015

676565

676F6D

677975

67837E

678E86

Harmonies

Analogous

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



5F3350



67313C



643529

Triad

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



67313C



324822



004867

Complementary

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



67313C



31675C

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.



004B5B



67313C



144B33

Square

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



67313C



474319



004C48



2C4269

Rectangle

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



67313C



5D3920



004C48



004964

Sweetspot

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



67313C



877276



5B3167



45383A



C4C4C4



454545

Same Dimension

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



67313C



873243



674031



332E2F



730017



F20031

Inverse Universe

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



67313C



873243



315867



332E2F



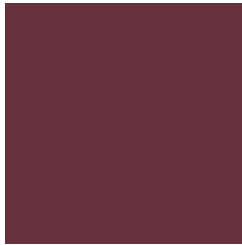
730017



F20031

Previews

White Background



This preview shows how the Hex color 67313C looks on a white background.

Color Contrast Check

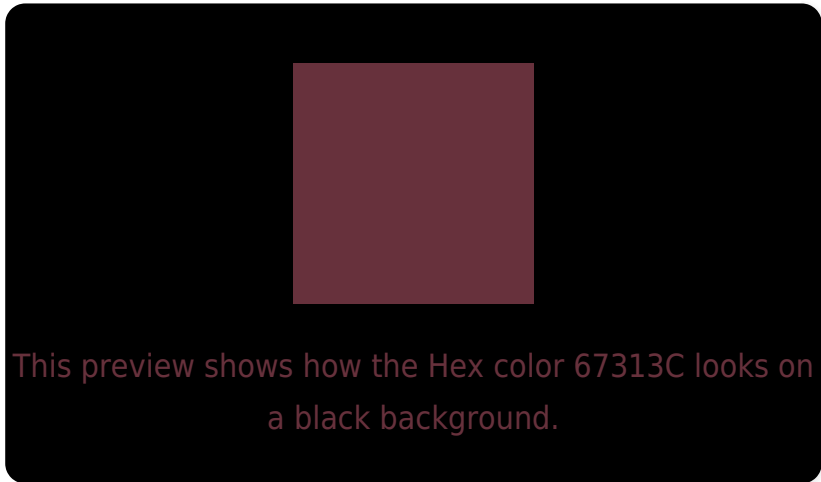
Large Text (above 18pt) WCAG AA ✓ Pass

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

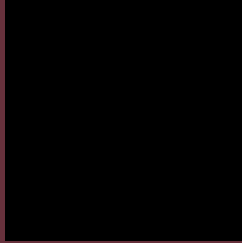
Any Text WCAG AA × Fail

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 67313C Background



This preview shows how black text looks on a background with the Hex color 67313C.



This preview shows how white text looks on a background with the Hex color 67313C.

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
67313C

Protanopia
434245

Deuteranopia
4C403A



Tritanopia
673236

Trichromacy



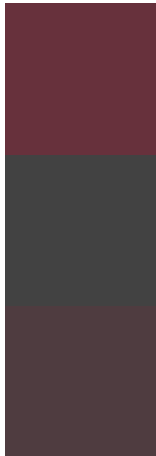
Original Color
67313C

Protanomaly
503C42

Deuteranomaly
563B3B

Tritanomaly
673238

Monochromacy



Original Color
67313C

Achromatopsia
424242

Achromatomaly
4F3C40

CSS Examples

Text

The CSS property to change the color of the text to Hex 67313C 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 #67313C looks like.

```
.text, #text, p{  
    color:#67313C  
}
```

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 #67313C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67313C
}
```

Border

The CSS property to change the border of an element to Hex 67313C is called "border". The border property can be set on classes, ids or directly on the HTML element.

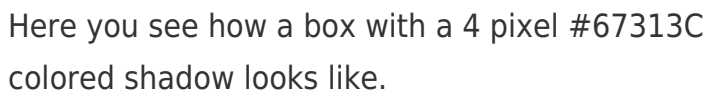
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67313C }
```

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

```
.border{ border-color:#67313C }
```

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



Here you see how a box with a 4 pixel #67313C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67313C; -webkit-box-shadow:4px 4px  
4px 4px #67313C; box-shadow:4px 4px 4px  
4px #67313C }
```

Background

The CSS property to change the background color of an element to Hex 67313C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67313C }
```

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

```
.background{ background-color:#67313C }
```

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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