

Converting Colors

Hex(67002E)

Have a look what the booklet for
Hex(67002E) contains.

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Color

Hex(67002E)

Conversions

Conversions Part 1

Format	Color
Hex	67002E
RGB	103, 0, 46
RGB Percent	40%, 0%, 18%
CMY	0.5961, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.55, 0.60
HSL	333°, 100%, 20%
HSV	333°, 100%, 40%
XYZ	6.0867, 3.0808, 2.8586
YIQ	36.0410, 46.6220, 36.1420

Conversions

Conversions Part 2

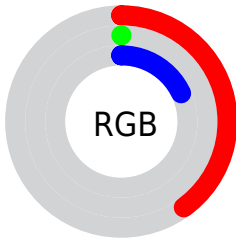
Format	Color
R_{YB}	103, 0, 46
Decimal	6750254
CIE _{Lab}	20.36, 43.30, 3.26
CIE _{LCh}	20, 43.418, 4.300
Yxy	3.0808, 0.5061, 0.2562
Android (android.graphics.Color)	4284940334 (0xFF67002E)
YUV	36.0410, 4.9098, 58.7230
Hunter-Lab	17.5523, 31.1826, 2.6304

Details

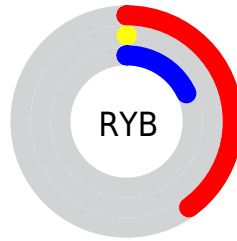
The Hex color **67002E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006739**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **9F3D5B**, and **350002** is the 20% darker color. If you saturate the color by 10%, you get **67002E**, and if you desaturate by 10%, it is **670A34**.

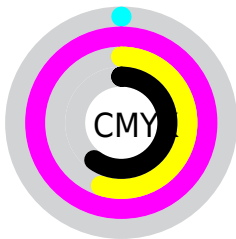
Distribution



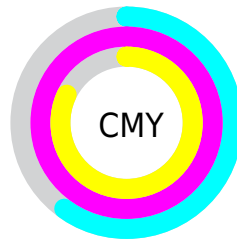
- Red (40%)
- Green (0%)
- Blue (18%)



- Red (40%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67002E 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 67002E by changing the saturation by 10% instead.

 67002E

 67002E

 FFFDFD

 4C001A

 9F3D5B

 350002

 BB5774

 050000

 D9718D

 000000

 F68CA8

 FFA7C3

 FFC3DF

 FFE0FB

 67002E

■ 670A34

■ 671539

■ 671F3F

■ 672945

■ 67344A

■ 673E50

■ 674856

■ 67525C

■ 675D61

Harmonies

Analogous

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



59114D



67002E



63110F

Triad

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



67002E



193900



003B6B

Complementary

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



67002E



006739

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.



003E54



67002E



003D13

Square

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



67002E



3A3100



003E35



003472

Rectangle

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



67002E



5A1E00



003E35



003D65

Sweetspot

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



67002E



875F71



390067



452C37



C4C4C4



454545

Same Dimension

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



67002E



87003C



670500



332E30



730033



F2006C

Inverse Universe

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



67002E



87003C



006267



332E30



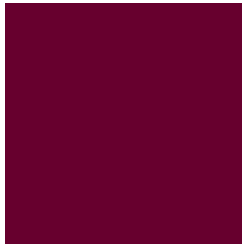
730033



F2006C

Previews

White Background



This preview shows how the Hex color 67002E looks on a white background.

Color Contrast Check

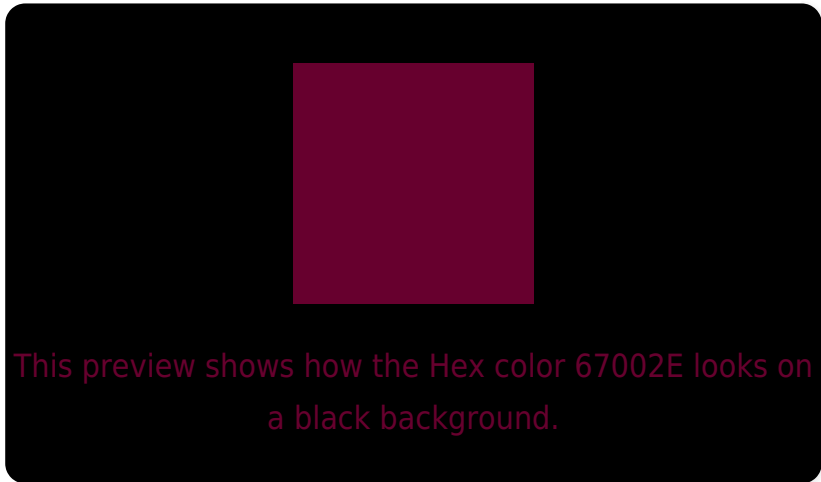
Large Text (above 18pt) WCAG AA ✓ Pass

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 67002E Background



This preview shows how black text looks on a background with the Hex color 67002E.



This preview shows how white text looks on a background with the Hex color 67002E.

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
67002E

Protanopia
323543

Deuteranopia
3E332A

Trichromacy



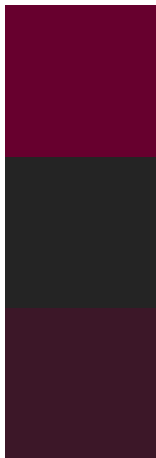
Original Color
67002E

Protanomaly
45223B

Deuteranomaly
4D202B

Tritanomaly
660B1C

Monochromacy



Original Color
67002E

Achromatopsia
242424

Achromatomaly
3C1728

CSS Examples

Text

The CSS property to change the color of the text to Hex 67002E 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 #67002E looks like.

```
.text, #text, p{  
    color:#67002E  
}
```

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 #67002E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67002E
}
```

Border

The CSS property to change the border of an element to Hex 67002E is called "border". The border property can be set on classes, ids or directly on the HTML element.

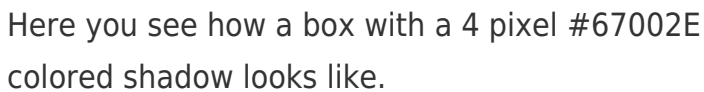
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67002E }
```

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

```
.border{ border-color:#67002E }
```

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



Here you see how a box with a 4 pixel #67002E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67002E; -webkit-box-shadow:4px 4px  
4px 4px #67002E; box-shadow:4px 4px 4px  
4px #67002E }
```

Background

The CSS property to change the background color of an element to Hex 67002E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67002E }
```

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

```
.background{ background-color:#67002E }
```

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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