

Converting Colors

Hex(66002C)

Have a look what the booklet for
Hex(66002C) contains.

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Color

Hex(66002C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 66002C |
| RGB | 102, 0, 44 |
| RGB Percent | 40%, 0%, 17% |
| CMY | 0.6000, 1.0000, 0.8275 |
| CMYK | 0.00, 1.00, 0.57, 0.60 |
| HSL | 334°, 100%, 20% |
| HSV | 334°, 100%, 40% |
| XYZ | 5.9341, 3.0066, 2.6504 |
| YIQ | 35.5140, 46.6680, 35.3080 |

Conversions

Conversions Part 2

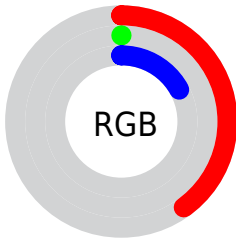
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 102, 0, 44 |
| Decimal | 6684716 |
| CIE Lab | 20.07, 42.88, 4.23 |
| CIE LCh | 20, 43.087, 5.631 |
| Yxy | 3.0066, 0.5120, 0.2594 |
| Android (android.graphics.Color) | 4284874796 (0xFF66002C) |
| YUV | 35.5140, 4.1836, 58.3082 |
| Hunter-Lab | 17.3396, 30.7434, 3.0750 |

Details

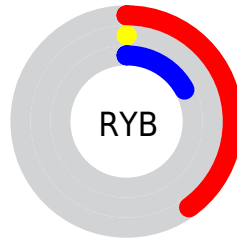
The Hex color **66002C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00663A**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **9E3D59**, and **340002** is the 20% darker color. If you saturate the color by 10%, you get **66002C**, and if you desaturate by 10%, it is **660A32**.

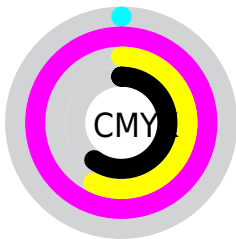
Distribution



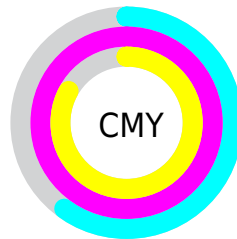
- Red (40%)
- Green (0%)
- Blue (17%)



- Red (40%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66002C 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 66002C by changing the saturation by 10% instead.

 66002C

 66002C

 FFFDFF

 4B0018

 9E3D59

 340002

 BA5772

 000000

 D8718B

 F58CA5

 FFA7C0

 FFC3DC

 FFDFF9

 66002C

 660A32

 661438

 661F3D

 662943

 663349

 663D4F

 664755

 66525A

 665C60

Harmonies

Analogous

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



590F4B



66002C



61110C

Triad

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



66002C



173800



003B6A

Complementary

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



66002C



00663A

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.



003D55



66002C



003C14

Square

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



66002C



383100



003E36



003370

Rectangle

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



66002C



581F00



003E36



003C65

Sweetspot

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



66002C



855D6E



3A0066



422A35



C2C2C2



424242

Same Dimension

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



66002C



850039



660700



332E30



730032



F20069

Inverse Universe

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



66002C



850039



005F66



332E30



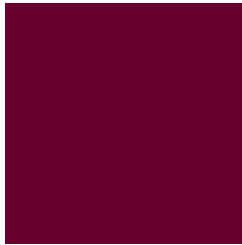
730032



F20069

Previews

White Background



This preview shows how the Hex color 66002C looks on a white background.

Color Contrast Check

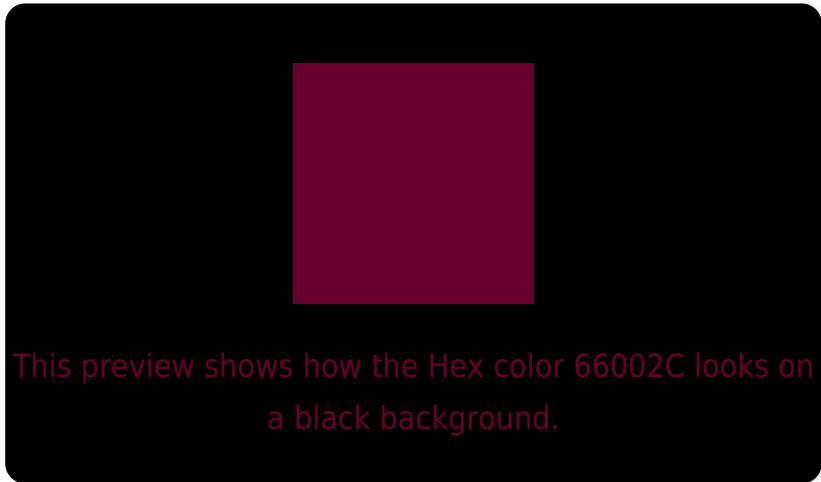
Large Text (above 18pt) WCAG AA ✓ Pass

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 66002C Background



This preview shows how black text looks on a background with the Hex color 66002C.



This preview shows how white text looks on a background with the Hex color 66002C.

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
66002C

Protanopia
323440

Deuteranopia
3E3228



Tritanopia
651211

Trichromacy



Original Color
66002C

Protanomaly
452139

Deuteranomaly
4D2029

Tritanomaly
650B1B

Monochromacy



Original Color
66002C

Achromatopsia
242424

Achromatomaly
3C1727

CSS Examples

Text

The CSS property to change the color of the text to Hex 66002C 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 #66002C looks like.

```
.text, #text, p{  
    color:#66002C  
}
```

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 #66002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66002C
}
```

Border

The CSS property to change the border of an element to Hex 66002C is called "border". The border property can be set on classes, ids or directly on the HTML element.

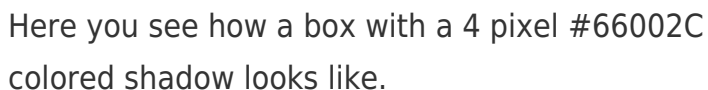
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66002C }
```

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

```
.border{ border-color:#66002C }
```

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



Here you see how a box with a 4 pixel #66002C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66002C; -webkit-box-shadow:4px 4px  
4px 4px #66002C; box-shadow:4px 4px 4px  
4px #66002C }
```

Background

The CSS property to change the background color of an element to Hex 66002C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66002C }
```

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

```
.background{ background-color:#66002C }
```

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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