

Converting Colors

Hex(66002A)

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

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Color

Hex(66002A)

Conversions

Conversions Part 1

Format	Color
Hex	66002A
RGB	102, 0, 42
RGB Percent	40%, 0%, 16%
CMY	0.6000, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.59, 0.60
HSL	335°, 100%, 20%
HSV	335°, 100%, 40%
XYZ	5.8974, 2.9919, 2.4572
YIQ	35.2860, 47.3100, 34.6860

Conversions

Conversions Part 2

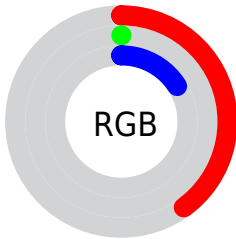
Format	Color
R_{YB}	102, 0, 42
Decimal	6684714
CIE Lab	20.01, 42.72, 5.57
CIE LCh	20, 43.084, 7.429
Yxy	2.9919, 0.5198, 0.2637
Android (android.graphics.Color)	4284874794 (0xFF66002A)
YUV	35.2860, 3.3100, 58.5082
Hunter-Lab	17.2972, 30.5885, 3.6856

Details

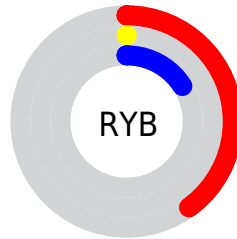
The Hex color **66002A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00663C**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **9E3D57**, and **340002** is the 20% darker color. If you saturate the color by 10%, you get **66002A**, and if you desaturate by 10%, it is **660A30**.

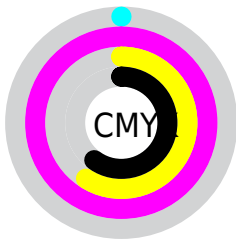
Distribution



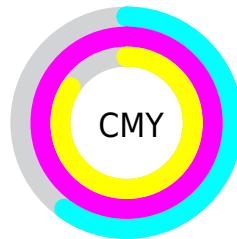
- Red (40%)
- Green (0%)
- Blue (16%)



- Red (40%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

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

 66002A

 66002A

 FFFCFF

 4B0016

 9E3D57

 340002

 BB576F

 000000

 D87189

 F68CA3

 FFA7BE

 FFC3DA

 FFDFF6

 66002A

 660A30

 661436

 661F3C

 662942

 663348

 663D4E

 664754

 66525A

 665C60

Harmonies

Analogous

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



5B0E49



66002A



61130A

Triad

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



66002A



143900



003A6B

Complementary

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



66002A



00663C

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.



003D56



66002A



003C16

Square

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



66002A



363200



003D38



003270

Rectangle

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



66002A



562000



003D38



003C66

Sweetspot

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



66002A



855D6D



3B0066



422A34



C2C2C2



424242

Same Dimension

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



66002A



850037



660900



332E30



73002F



F20064

Inverse Universe

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



66002A



850037



005E66



332E30



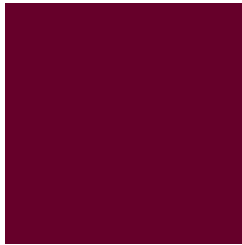
73002F



F20064

Previews

White Background



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

Color Contrast Check

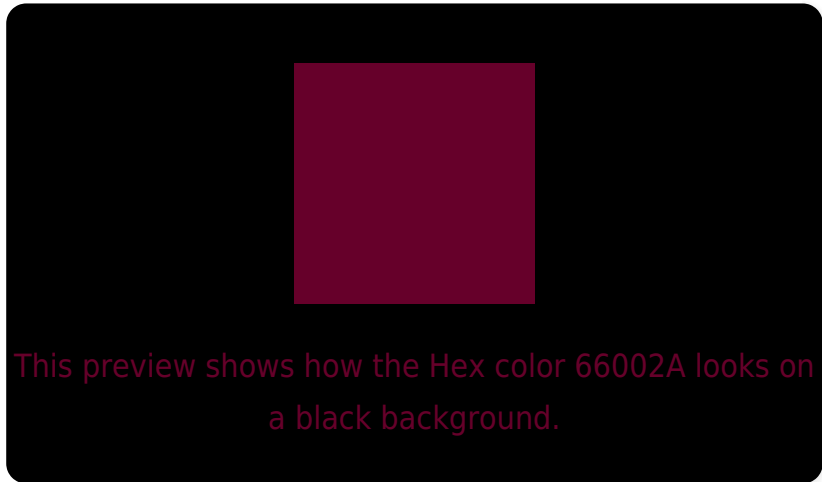
Large Text (above 18pt) WCAG AA ✓ Pass

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 66002A Background



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



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

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
66002A

Protanopia
33343D

Deuteranopia
3E3226



Tritanopia
651110

Trichromacy



Original Color
66002A

Protanomaly
462136

Deuteranomaly
4D2027

Tritanomaly
650B19

Monochromacy



Original Color
66002A

Achromatopsia
232323

Achromatomaly
3B1626

CSS Examples

Text

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

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

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 #66002A colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 66002A 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
#66002A }
```

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

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

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

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

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

Background

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

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

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

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

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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