

Converting Colors

Hex(66003A)

Have a look what the booklet for
Hex(66003A) contains.

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Color

Hex(66003A)

Conversions

Conversions Part 1

Format	Color
Hex	66003A
RGB	102, 0, 58
RGB Percent	40%, 0%, 23%
CMY	0.6000, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.43, 0.60
HSL	326°, 100%, 20%
HSV	326°, 100%, 40%
XYZ	6.2432, 3.1303, 4.2781
YIQ	37.1100, 42.1740, 39.6620

Conversions

Conversions Part 2

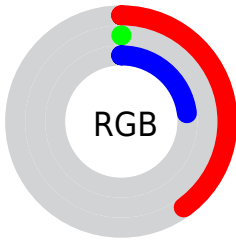
Format	Color
R_{YB}	102, 0, 58
Decimal	6684730
CIE _{Lab}	20.56, 44.16, -4.96
CIE _{LCh}	21, 44.440, 353.590
Yxy	3.1303, 0.4573, 0.2293
Android (android.graphics.Color)	4284874810 (0xFF66003A)
YUV	37.1100, 10.2988, 56.9085
Hunter-Lab	17.6926, 32.0257, -1.9518

Details

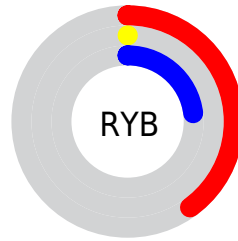
The Hex color **66003A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00662C**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **9D3E69**, and **35000F** is the 20% darker color. If you saturate the color by 10%, you get **66003A**, and if you desaturate by 10%, it is **660A3E**.

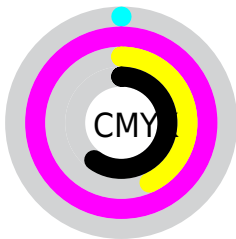
Distribution



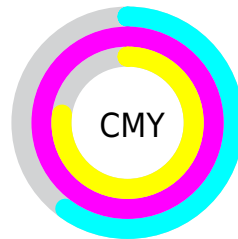
- Red (40%)
- Green (0%)
- Blue (23%)



- Red (40%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66003A 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 66003A by changing the saturation by 10% instead.

 66003A

 66003A

FFFEFF

 4B0024

 9D3E69

 35000F

 B95882

 090000

 D6729C

 000000

 F48DB7

 FFA8D3

 FFC4EF

 FFE1FF

 66003A

■ 660A3E

■ 661443

■ 661F47

■ 66294C

■ 663350

■ 663D54

■ 664759

■ 66525D

■ 665C62

Harmonies

Analogous

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



511959



66003A



68061A

Triad

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



66003A



263700



003E66

Complementary

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



66003A



00662C

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.



003F4B



66003A



003C04

Square

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



66003A



442E00



003F29



003873

Rectangle

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



66003A



611700



003F29



003E5E

Sweetspot

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



66003A



855D73



2B0066



422A38



C2C2C2



424242

Same Dimension

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



66003A



85004B



660008



332E31



730041



F2008A

Inverse Universe

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



66003A



85004B



00665E



332E31



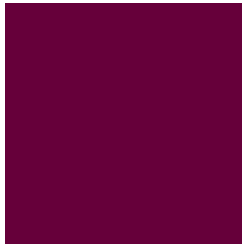
730041



F2008A

Previews

White Background



This preview shows how the Hex color 66003A looks on a white background.

Color Contrast Check

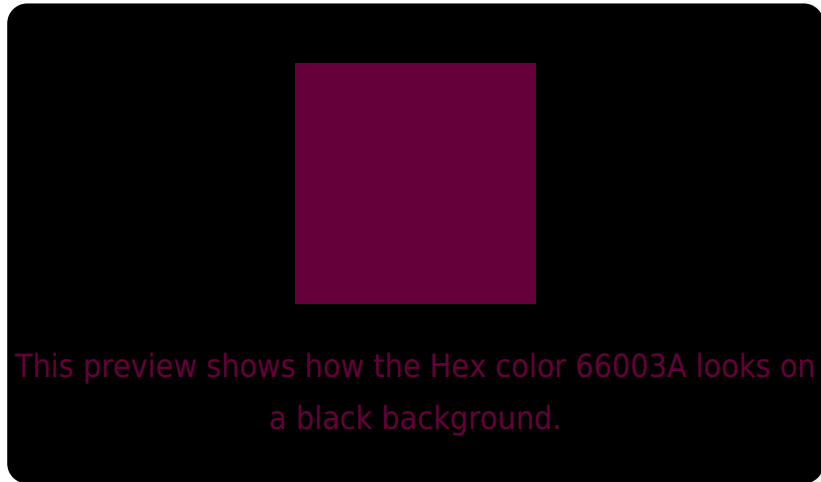
Large Text (above 18pt) WCAG AA ✓ Pass

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

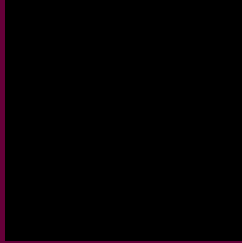
Any Text WCAG AA × Fail

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 66003A Background



This preview shows how black text looks on a background with the Hex color 66003A.



This preview shows how white text looks on a background with the Hex color 66003A.

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
66003A

Protanopia
2A3553

Deuteranopia
3B3436



Tritanopia
641717

Trichromacy



Original Color
66003A

Protanomaly
40224A

Deuteranomaly
4B2137

Tritanomaly
650F24

Monochromacy



Original Color
66003A

Achromatopsia
252525

Achromatomaly
3D182D

CSS Examples

Text

The CSS property to change the color of the text to Hex 66003A 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 #66003A looks like.

```
.text, #text, p{  
    color:#66003A  
}
```

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 #66003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66003A
}
```

Border

The CSS property to change the border of an element to Hex 66003A is called "border". The border property can be set on classes, ids or directly on the HTML element.

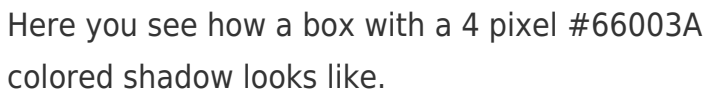
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66003A }
```

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

```
.border{ border-color:#66003A }
```

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



Here you see how a box with a 4 pixel #66003A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66003A; -webkit-box-shadow:4px 4px  
4px 4px #66003A; box-shadow:4px 4px 4px  
4px #66003A }
```

Background

The CSS property to change the background color of an element to Hex 66003A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66003A }
```

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

```
.background{ background-color:#66003A }
```

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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