

Converting Colors

Hex(50003A)

Have a look what the booklet for
Hex(50003A) contains.

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Color

Hex(50003A)

Conversions

Conversions Part 1

Format	Color
Hex	50003A
RGB	80, 0, 58
RGB Percent	31%, 0%, 23%
CMY	0.6863, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.28, 0.69
HSL	316°, 100%, 16%
HSV	316°, 100%, 31%
XYZ	4.0720, 2.0110, 4.1765
YIQ	30.5320, 29.0620, 34.9980

Conversions

Conversions Part 2

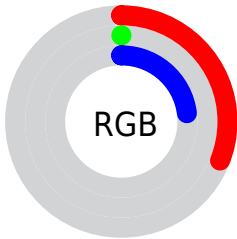
Format	Color
R_{YB}	80, 0, 58
Decimal	5242938
CIE _{Lab}	15.54, 38.99, -13.06
CIE _{LCh}	16, 41.117, 341.476
Yxy	2.0110, 0.3969, 0.1960
Android (android.graphics.Color)	4283433018 (0xFF50003A)
YUV	30.5320, 13.5417, 43.3834
Hunter-Lab	14.1808, 26.4393, -7.5354

Details

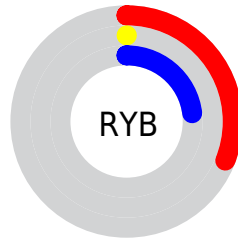
The Hex color **50003A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **005016**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **843869**, and **1F000E** is the 20% darker color. If you saturate the color by 10%, you get **50003A**, and if you desaturate by 10%, it is **50083C**.

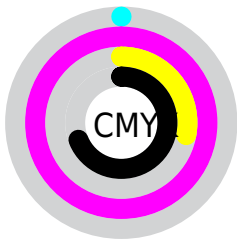
Distribution



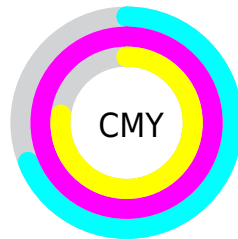
- Red (31%)
- Green (0%)
- Blue (23%)



- Red (31%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50003A 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 50003A by changing the saturation by 10% instead.

 50003A

 50003A

 FFF4FF

 370024

 843869

 1F000E

 A05182

 000000

 BB6B9D

 D885B7

 F5A0D3

 FFBBEF

 FFD7FF

 50003A

■ 50083C

■ 50103E

■ 501841

■ 502043

■ 502845

■ 503047

■ 503849

■ 50404C

■ 50484E

Harmonies

Analogous

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



341853



50003A



58001D

Triad

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



50003A



272900



00324D

Complementary

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



50003A



005016

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.



003332



50003A



032F00

Square

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



50003A



401E00



003213



002F5F

Rectangle

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



50003A



550306



003213



003345

Sweetspot

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



50003A



694960



150050



362230



B5B5B5



363636

Same Dimension

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



50003A



69004C



500013



292528



E800A8

Inverse Universe

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



50003A



69004C



00503D



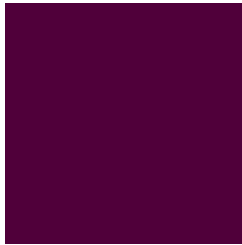
292528



E800A8

Previews

White Background



This preview shows how the Hex color 50003A looks on a white background.

Color Contrast Check

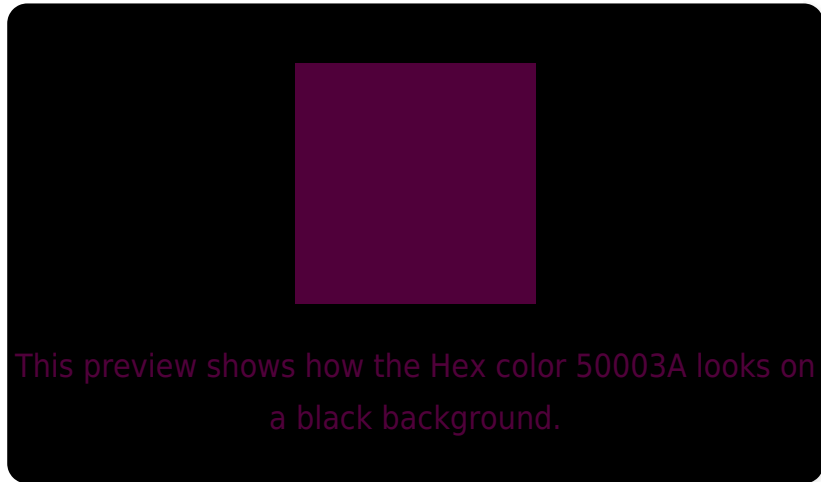
Large Text (above 18pt) WCAG AA ✓ Pass

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

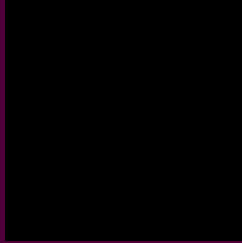
Any Text WCAG AA × Fail

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 50003A Background



This preview shows how black text looks on a background with the Hex color 50003A.



This preview shows how white text looks on a background with the Hex color 50003A.

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
50003A

Protanopia
142A53

Deuteranopia
2A2A36



Tritanopia
4E1718

Trichromacy



Original Color
50003A

Protanomaly
2A1B4A

Deuteranomaly
381B37

Tritanomaly
4F0F24

Monochromacy



Original Color
50003A

Achromatopsia
1F1F1F

Achromatomaly
311429

CSS Examples

Text

The CSS property to change the color of the text to Hex 50003A 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 #50003A looks like.

```
.text, #text, p{  
    color:#50003A  
}
```

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 #50003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50003A
}
```

Border

The CSS property to change the border of an element to Hex 50003A is called "border". The border property can be set on classes, ids or directly on the HTML element.

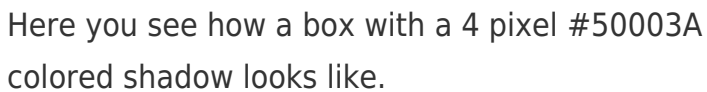
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50003A }
```

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

```
.border{ border-color:#50003A }
```

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



Here you see how a box with a 4 pixel #50003A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50003A; -webkit-box-shadow:4px 4px  
4px 4px #50003A; box-shadow:4px 4px 4px  
4px #50003A }
```

Background

The CSS property to change the background color of an element to Hex 50003A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50003A }
```

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

```
.background{ background-color:#50003A }
```

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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