

Converting Colors

Hex(50003F)

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

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Color

Hex(50003F)

Conversions

Conversions Part 1

Format	Color
Hex	50003F
RGB	80, 0, 63
RGB Percent	31%, 0%, 25%
CMY	0.6863, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.21, 0.69
HSL	313°, 100%, 16%
HSV	313°, 100%, 31%
XYZ	4.2055, 2.0644, 4.8794
YIQ	31.1020, 27.4570, 36.5530

Conversions

Conversions Part 2

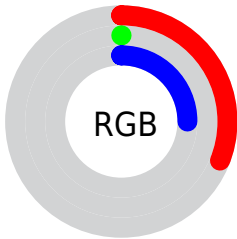
Format	Color
R_{YB}	80, 0, 63
Decimal	5242943
CIE _{Lab}	15.82, 39.68, -16.17
CIE _{LCh}	16, 42.855, 337.825
Yxy	2.0644, 0.3772, 0.1852
Android (android.graphics.Color)	4283433023 (0xFF50003F)
YUV	31.1020, 15.7257, 42.8835
Hunter-Lab	14.3679, 27.1031, -10.0778

Details

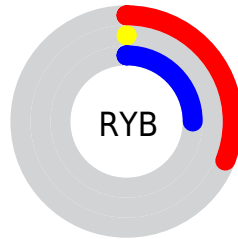
The Hex color **50003F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **005011**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **84386F**, and **1F0014** is the 20% darker color. If you saturate the color by 10%, you get **50003F**, and if you desaturate by 10%, it is **500841**.

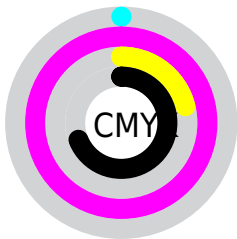
Distribution



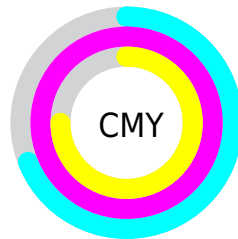
- Red (31%)
- Green (0%)
- Blue (25%)



- Red (31%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

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

 50003F

 50003F

 FFF5FF

 370029

 84386F

 1F0014

 9F5188

 000000

 BB6BA3

 D885BE

 F5A0DA

 FFBCF6

 FFD8FF

 50003F

■ 500841

■ 501042

■ 501844

■ 502046

■ 502847

■ 503049

■ 50384B

■ 50404D

■ 50484E

Harmonies

Analogous

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



2F1A58



50003F



5A0021

Triad

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



50003F



2B2900



00334C

Complementary

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



50003F



005011

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.



00342F



50003F



062F00

Square

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



50003F



441D00



00320E



003160

Rectangle

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



50003F



58000B



00320E



003443

Sweetspot

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



50003F



694962



100050



362231



B5B5B5



363636

Same Dimension

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



50003F



690052



500018



292528



E800B7

Inverse Universe

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



50003F



690052



005038



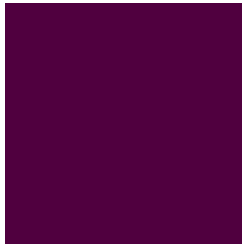
292528



E800B7

Previews

White Background



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

Color Contrast Check

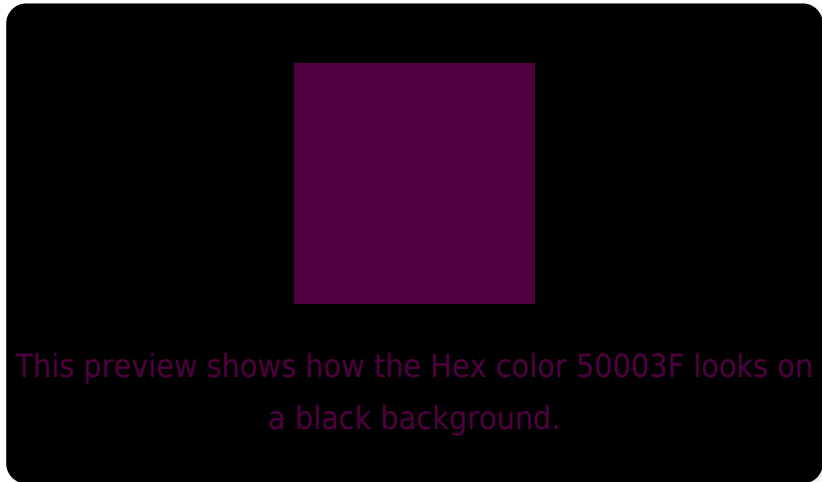
Large Text (above 18pt) WCAG AA ✓ Pass

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

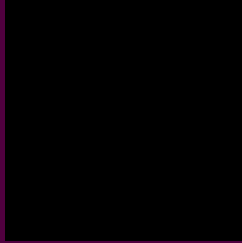
Any Text WCAG AA × Fail

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 50003F Background



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



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

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
50003F

Protanopia
062A59

Deuteranopia
272B3B



Tritanopia
4D191A

Trichromacy



Original Color
50003F

Protanomaly
211B50

Deuteranomaly
361B3C

Tritanomaly
4E1027

Monochromacy



Original Color
50003F

Achromatopsia
1F1F1F

Achromatomaly
31142B

CSS Examples

Text

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

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

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 #50003F colored shadow looks like.

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

Border

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

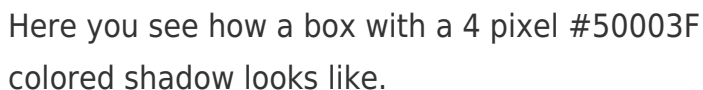
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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