

Converting Colors

Hex(5F003D)

Have a look what the booklet for
Hex(5F003D) contains.

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Color

Hex(5F003D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5F003D |
| RGB | 95, 0, 61 |
| RGB Percent | 37%, 0%, 24% |
| CMY | 0.6275, 1.0000, 0.7608 |
| CMYK | 0.00, 1.00, 0.36, 0.63 |
| HSL | 321°, 100%, 19% |
| HSV | 321°, 100%, 37% |
| XYZ | 5.5616, 2.7698, 4.6564 |
| YIQ | 35.3590, 37.0390, 39.1110 |

Conversions

Conversions Part 2

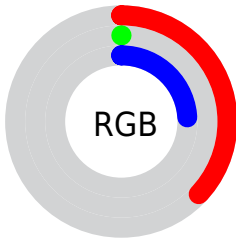
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 95, 0, 61 |
| Decimal | 6225981 |
| CIELab | 19.10, 42.83, -9.43 |
| CIElCh | 19, 43.858, 347.587 |
| Yxy | 2.7698, 0.4282, 0.2133 |
| Android (android.graphics.Color) | 4284416061 (0xFF5F003D) |
| YUV | 35.3590, 12.6410, 52.3052 |
| Hunter-Lab | 16.6428, 30.5256, -4.9384 |

Details

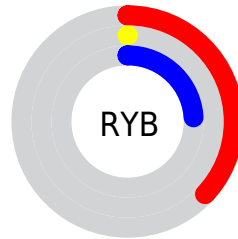
The Hex color **5F003D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005F22**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **953C6C**, and **2F0013** is the 20% darker color. If you saturate the color by 10%, you get **5F003D**, and if you desaturate by 10%, it is **5F0940**.

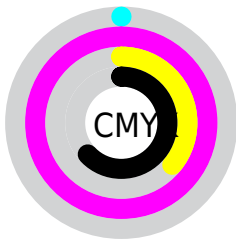
Distribution



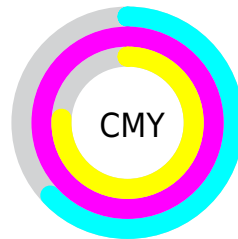
- Red (37%)
- Green (0%)
- Blue (24%)



- Red (37%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (63%)



- Cyan (63%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F003D 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 5F003D by changing the saturation by 10% instead.

 5F003D

 5F003D

 FFFBFF

 450027

 953C6C

 2F0013

 B15686

 000000

 CE70A0

 EB8ABB

 FFA6D7

 FFC1F3

 FFDEFF

 5F003D

 5F0940

 5F1344

 5F1D47

 5F264B

 5F304E

 5F3951

 5F4355

 5F4C58

 5F565C

Harmonies

Analogous

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



461A5A



5F003D



64001D

Triad

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



5F003D



293300



003B5D

Complementary

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



5F003D



005F22

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.



003C41



5F003D



003800

Square

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



5F003D



452800



003B1F



00366D

Rectangle

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



5F003D



5F0F05



003B1F



003B55

Sweetspot

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



5F003D



7A566D



21005F



3D2735



BDBDBD



3D3D3D

Same Dimension

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



5F003D



7A004F



5F000E



302C2F



700048



F0009A

Inverse Universe

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



5F003D



7A004F



005F51



302C2F



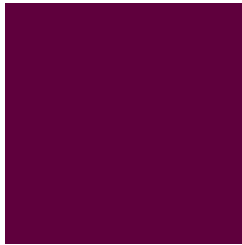
700048



F0009A

Previews

White Background



This preview shows how the Hex color 5F003D looks on a white background.

Color Contrast Check

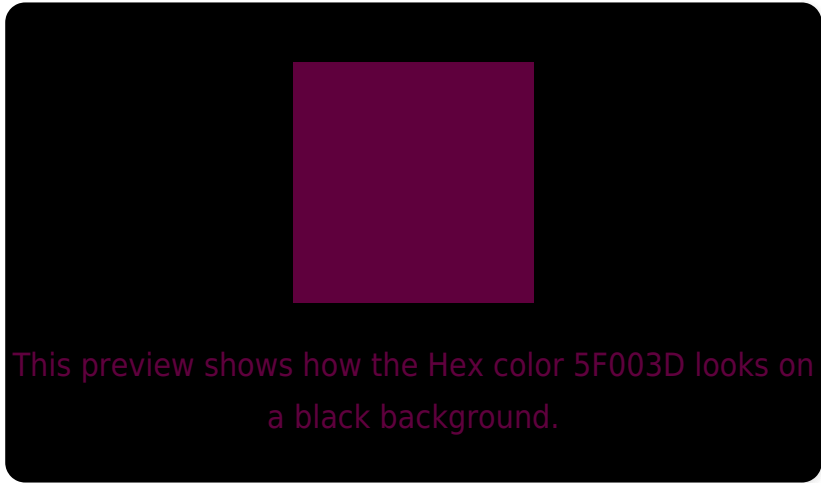
Large Text (above 18pt) WCAG AA ✓ Pass

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

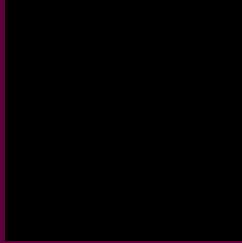
Any Text WCAG AA × Fail

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 5F003D Background



This preview shows how black text looks on a background with the Hex color 5F003D.

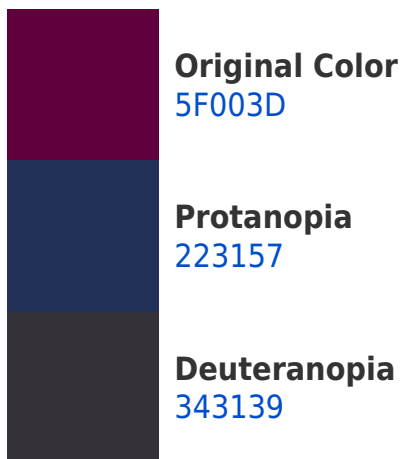



This preview shows how white text looks on a background with the Hex color 5F003D.

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





Tritanopia
5D1819

Trichromacy



Original Color
5F003D

Protanomaly
381F4E

Deuteranomaly
441F3A

Tritanomaly
5E0F26

Monochromacy



Original Color
5F003D

Achromatopsia
232323

Achromatomaly
39162C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F003D 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 #5F003D looks like.

```
.text, #text, p{  
    color:#5F003D  
}
```

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 #5F003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F003D
}
```

Border

The CSS property to change the border of an element to Hex 5F003D 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".

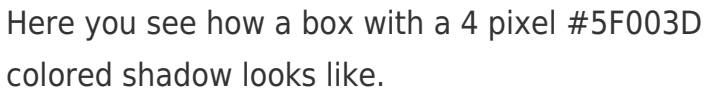
```
.border, #border, table{ border:4px solid
#5F003D }
```

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

```
.border{ border-color:#5F003D }
```

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

Here you see how a box with a 4 pixel #5F003D colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F003D; -webkit-box-shadow:4px 4px  
4px 4px #5F003D; box-shadow:4px 4px 4px  
4px #5F003D }
```

Background

The CSS property to change the background color of an element to Hex 5F003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F003D }
```

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

```
.background{ background-color:#5F003D }
```

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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