

Converting Colors

Hex(60002F)

Have a look what the booklet for
Hex(60002F) contains.

| | |
|--|----|
| Hex(60002F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(60002F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 60002F |
| RGB | 96, 0, 47 |
| RGB Percent | 38%, 0%, 18% |
| CMY | 0.6235, 1.0000, 0.8157 |
| CMYK | 0.00, 1.00, 0.51, 0.62 |
| HSL | 331°, 100%, 19% |
| HSV | 331°, 100%, 38% |
| XYZ | 5.3370, 2.6920, 2.9276 |
| YIQ | 34.0620, 42.1290, 34.9690 |

Conversions

Conversions Part 2

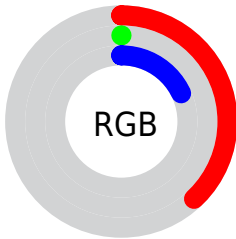
| Format | Color |
|-------------------------------------|--|
| RYB | 96, 0, 47 |
| Decimal | 6291503 |
| CIELab | 18.77, 41.61, 0.02 |
| CIElCh | 19, 41.612, 0.033 |
| Yxy | 2.6920, 0.4871, 0.2457 |
| Android (android.graphics.Color) | 4284481583 (0xFF60002F) |
| YUV | 34.0620, 6.3784, 54.3196 |
| Hunter-Lab | 16.4074, 29.3490, 0.9058 |

Details

The Hex color **60002F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006031**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **973B5D**, and **2F0002** is the 20% darker color. If you saturate the color by 10%, you get **60002F**, and if you desaturate by 10%, it is **600A34**.

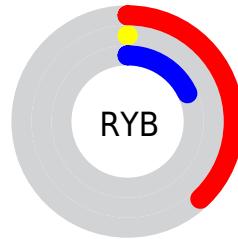
Distribution



Red (38%)

Green (0%)

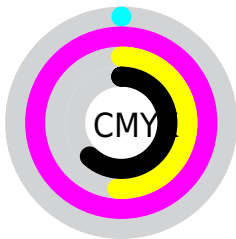
Blue (18%)



Red (38%)

Yellow (0%)

Blue (18%)

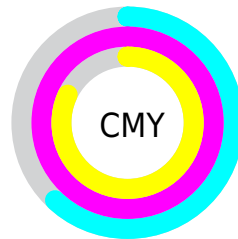


Cyan (0%)

Magenta (100%)

Yellow (51%)

Black (62%)



Cyan (62%)

Magenta (100%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60002F 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 60002F by changing the saturation by 10% instead.

 60002F

 60002F

 FFFAFF

 45001A

 973B5D

 2F0002

 B35575

 000000

 D06F8F

 ED8AA9

 FFA5C4

 FFC1E0

 FFDDFD

 60002F

 600A34

 601339

 601D3E

 602643

 603047

 603A4C

 604351

 604D56

 60565B

Harmonies

Analogous

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



50124C



60002F



5E0C11

Triad

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



60002F



1C3400



003862

Complementary

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



60002F



006031

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.



003A4B



60002F



00380C

Square

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



60002F



392D00



003A2D



00326B

Rectangle

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



60002F



561900



003A2D



00395C

Sweetspot

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



60002F



7D576A



300060



402934



BFBFBF



404040

Same Dimension

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



60002F



7D003D



600000



302C2E



700037



F00075

Inverse Universe

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



60002F



7D003D



006060



302C2E



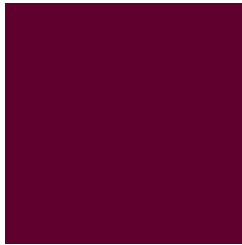
700037



F00075

Previews

White Background



This preview shows how the Hex color 60002F looks on a white background.

Color Contrast Check

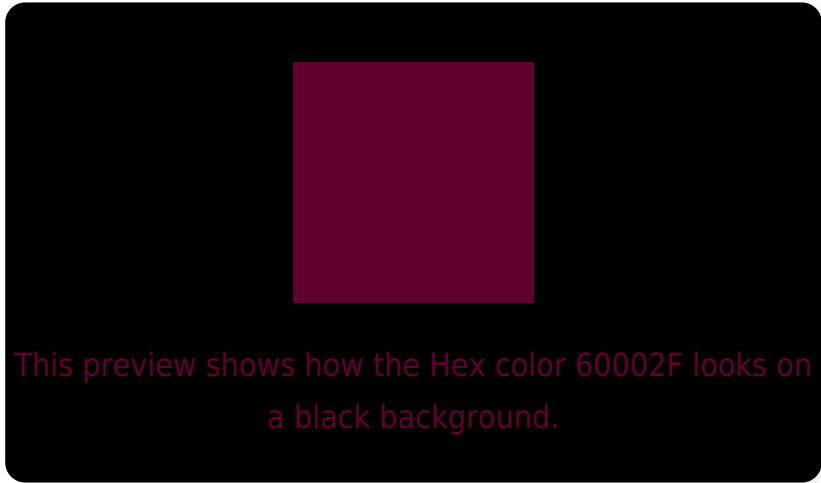
Large Text (above 18pt) WCAG AA ✓ Pass

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

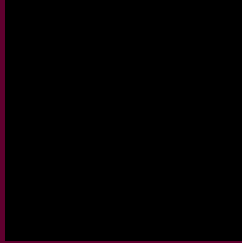
Any Text WCAG AA × Fail

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 60002F Background



This preview shows how black text looks on a background with the Hex color 60002F.



This preview shows how white text looks on a background with the Hex color 60002F.

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
60002F

Protanopia
2C3144

Deuteranopia
39302B



Tritanopia
5F1313

Trichromacy



Original Color
60002F

Protanomaly
3F1F3C

Deuteranomaly
471F2C

Tritanomaly
5F0C1D

Monochromacy



Original Color
60002F

Achromatopsia
222222

Achromatomaly
391627

CSS Examples

Text

The CSS property to change the color of the text to Hex 60002F 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 #60002F looks like.

```
.text, #text, p{  
    color:#60002F  
}
```

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 #60002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60002F
}
```

Border

The CSS property to change the border of an element to Hex 60002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

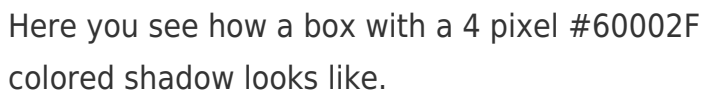
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60002F }
```

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

```
.border{ border-color:#60002F }
```

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



Here you see how a box with a 4 pixel #60002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60002F; -webkit-box-shadow:4px 4px  
4px 4px #60002F; box-shadow:4px 4px 4px  
4px #60002F }
```

Background

The CSS property to change the background color of an element to Hex 60002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60002F }
```

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

```
.background{ background-color:#60002F }
```

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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