

Converting Colors

Hex(62002F)

Have a look what the booklet for
Hex(62002F) contains.

Hex(62002F)	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(62002F)

Conversions

Conversions Part 1

Format	Color
Hex	62002F
RGB	98, 0, 47
RGB Percent	38%, 0%, 18%
CMY	0.6157, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.52, 0.62
HSL	331°, 100%, 19%
HSV	331°, 100%, 38%
XYZ	5.5501, 2.8019, 2.9376
YIQ	34.6600, 43.3210, 35.3930

Conversions

Conversions Part 2

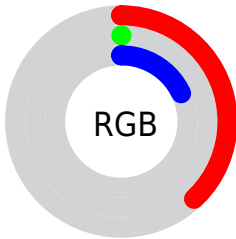
Format	Color
R _Y B	98, 0, 47
Decimal	6422575
CIE Lab	19.23, 42.12, 0.76
CIE LCh	19, 42.123, 1.035
Yxy	2.8019, 0.4916, 0.2482
Android (android.graphics.Color)	4284612655 (0xFF62002F)
YUV	34.6600, 6.0836, 55.5492
Hunter-Lab	16.7389, 29.8919, 1.3120

Details

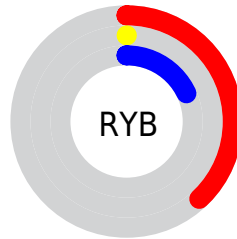
The Hex color **62002F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006233**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **993C5D**, and **310002** is the 20% darker color. If you saturate the color by 10%, you get **62002F**, and if you desaturate by 10%, it is **620A34**.

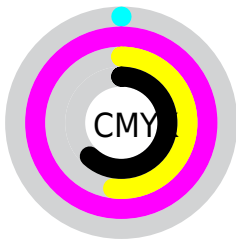
Distribution



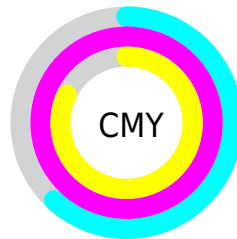
- Red (38%)
- Green (0%)
- Blue (18%)



- Red (38%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (62%)



- Cyan (62%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62002F 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 62002F by changing the saturation by 10% instead.

 62002F

 62002F

 FFFBFF

 47001A

 993C5D

 310002

 B55675

 000000

 D2708F

 F08AA9

 FFA6C4

 FFC1E0

 FFDEFD

 62002F

 620A34

 621439

 621D3E

 622743

 623149

 623B4E

 624553

 624E58

 62585D

Harmonies

Analogous

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



53124D



62002F



600D11

Triad

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



62002F



1B3600



003965

Complementary

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



62002F



006233

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.



003B4E



62002F



003A0E

Square

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



62002F



3A2E00



003B2F



00336D

Rectangle

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



62002F



581B00



003B2F



003A5E

Sweetspot

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



62002F



80596C



330062



402934



BFBFBF



404040

Same Dimension

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



62002F



80003D



620200



302C2E



700036



F00073

Inverse Universe

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



62002F



80003D



006062



302C2E



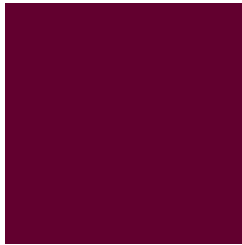
700036



F00073

Previews

White Background



This preview shows how the Hex color 62002F looks on a white background.

Color Contrast Check

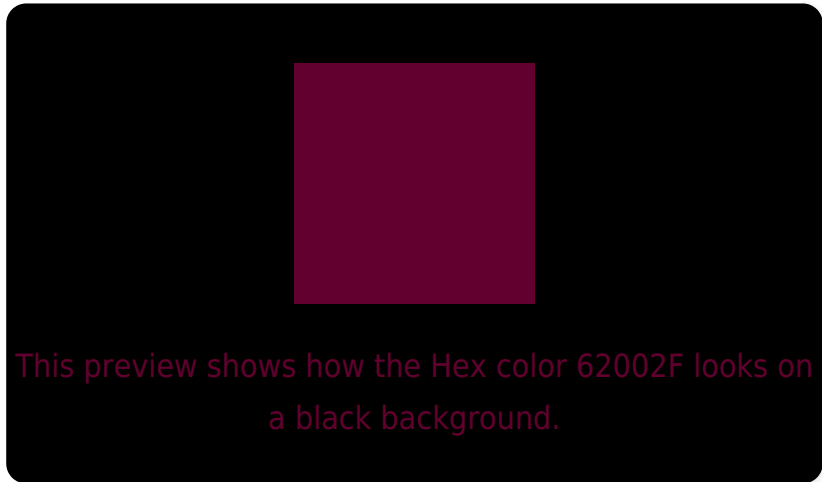
Large Text (above 18pt) WCAG AA ✓ Pass

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

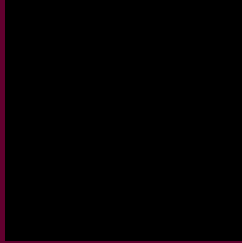
Any Text WCAG AA × Fail

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 62002F Background



This preview shows how black text looks on a background with the Hex color 62002F.



This preview shows how white text looks on a background with the Hex color 62002F.

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
62002F

Protanopia
2E3244

Deuteranopia
3B312B



Tritanopia
611313

Trichromacy



Original Color
62002F

Protanomaly
41203C

Deuteranomaly
491F2C

Tritanomaly
610C1D

Monochromacy



Original Color
62002F

Achromatopsia
232323

Achromatomaly
3A1627

CSS Examples

Text

The CSS property to change the color of the text to Hex 62002F 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 #62002F looks like.

```
.text, #text, p{  
    color:#62002F  
}
```

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 #62002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62002F
}
```

Border

The CSS property to change the border of an element to Hex 62002F 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".

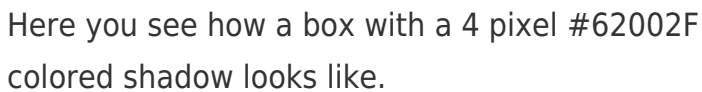
```
.border, #border, table{ border:4px solid
#62002F }
```

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

```
.border{ border-color:#62002F }
```

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

Here you see how a box with a 4 pixel #62002F colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62002F; -webkit-box-shadow:4px 4px  
4px 4px #62002F; box-shadow:4px 4px 4px  
4px #62002F }
```

Background

The CSS property to change the background color of an element to Hex 62002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62002F }
```

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

```
.background{ background-color:#62002F }
```

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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