

# Converting Colors

Hex(7F052B)

Have a look what the booklet for  
Hex(7F052B) contains.

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**Color**

**Hex(7F052B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F052B
RGB	127, 5, 43
RGB Percent	50%, 2%, 17%
CMY	0.5020, 0.9804, 0.8314
CMYK	0.00, 0.96, 0.66, 0.50
HSL	341°, 92%, 26%
HSV	341°, 96%, 50%
XYZ	9.2427, 4.7950, 2.7239
YIQ	45.8100, 60.5140, 37.6820

# Conversions

## Conversions Part 2

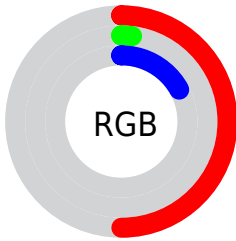
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 5, 43
Decimal	8324395
CIELab	26.14, 48.28, 14.17
CIElCh	26, 50.314, 16.353
Yxy	4.7950, 0.5514, 0.2861
Android (android.graphics.Color)	4286514475 (0xFF7F052B)
YUV	45.8100, -1.3853, 71.2036
Hunter-Lab	21.8975, 37.0226, 7.9530

# Details

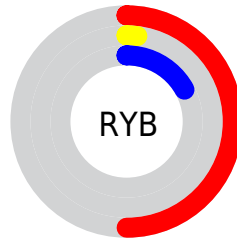
The Hex color **7F052B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **057F59**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **B94558**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **7F0028**, and if you desaturate by 10%, it is **7F1234**.

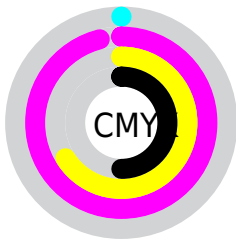
# Distribution



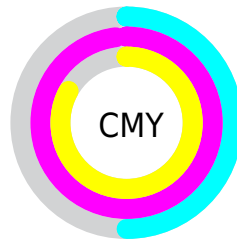
- Red (50%)
- Green (2%)
- Blue (17%)



- Red (50%)
- Yellow (2%)
- Blue (17%)



- Cyan (0%)
- Magenta (96%)
- Yellow (66%)
- Black (50%)



- Cyan (50%)
- Magenta (98%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F052B 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 7F052B by changing the saturation by 10% instead.



 7F052B

 7F052B

FFFFFF

 620017

 B94558

 470000

 D76070

 2C0001

 F67B8A

 000000

 FF96A4

 FFB2BF

 FFCEDB

 FFEBF7

 7F052B

 7F052B

■ 7F0028

■ 7F1234

■ 7F1E3C

■ 7F2B45

■ 7F384E

■ 7F4557

■ 7F515F

■ 7F5E68

■ 7F6B71

■ 7F777A

# Harmonies

## Analogous

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



780A51



7F052B



732103

# Triad

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



7F052B



004A00



004889

# Complementary

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



7F052B



057F59

# 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.



004D75



7F052B



004D2A

# Square

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



7F052B



3A4300



004E52



003C88

# Rectangle

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



7F052B



653000



004E52



004A85



# Sweetspot

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



7F052B



A67685



58057F



543740



D4D4D4



545454



# Same Dimension

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



7F052B



A60034



7F1B05



40393B



800028



000000



# Inverse Universe

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



7F052B



A60034



05697F



40393B



800028

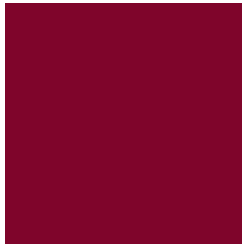


000000



# Previews

## White Background



This preview shows how the Hex color 7F052B looks on a white background.

## Color Contrast Check

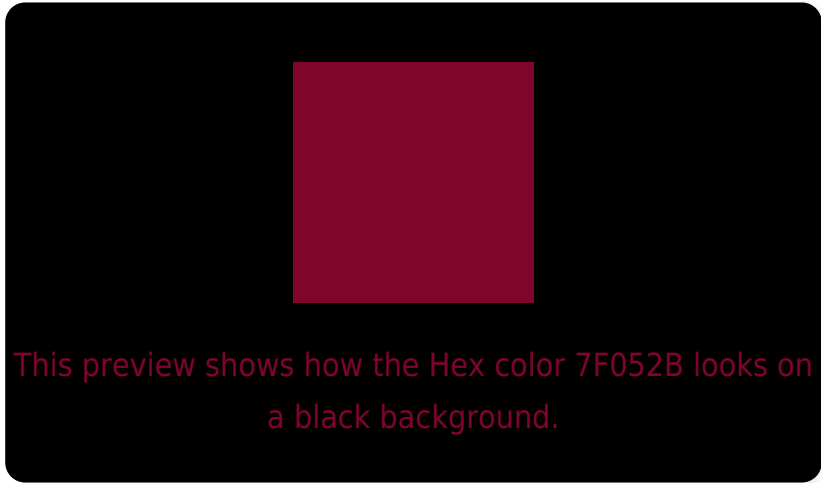
Large Text (above 18pt) WCAG AA ✓ Pass

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

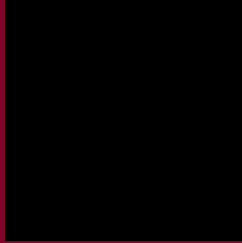
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F052B Background



This preview shows how black text looks on a background with the Hex color 7F052B.



This preview shows how white text looks on a background with the Hex color 7F052B.

# 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**  
7F052B

**Protanopia**  
43413F

**Deuteranopia**  
4F3E25



# Trichromacy



**Original Color**  
7F052B

**Protanomaly**  
592B38

**Deuteranomaly**  
602927

**Tritanomaly**  
7E0D1A

# Monochromacy



**Original Color**  
7F052B

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
4B1F2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F052B 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 #7F052B looks like.

```
.text, #text, p{  
    color:#7F052B  
}
```

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 #7F052B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F052B
}
```

## Border

The CSS property to change the border of an element to Hex 7F052B is called "border". The border property can be set on classes, ids or directly on the HTML element.

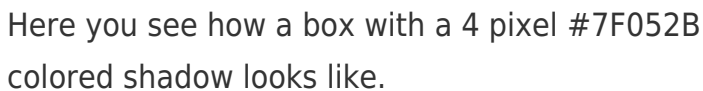
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F052B }
```

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

```
.border{ border-color:#7F052B }
```

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



Here you see how a box with a 4 pixel #7F052B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F052B; -webkit-box-shadow:4px 4px  
4px 4px #7F052B; box-shadow:4px 4px 4px  
4px #7F052B }
```

# Background

The CSS property to change the background color of an element to Hex 7F052B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F052B }
```

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

```
.background{ background-color:#7F052B }
```

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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