

# Converting Colors

Hex(4F052E)

Have a look what the booklet for  
Hex(4F052E) contains.

<b>Hex(4F052E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**Hex(4F052E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F052E
RGB	79, 5, 46
RGB Percent	31%, 2%, 18%
CMY	0.6902, 0.9804, 0.8196
CMYK	0.00, 0.94, 0.42, 0.69
HSL	327°, 88%, 16%
HSV	327°, 94%, 31%
XYZ	3.7719, 1.9681, 2.7658
YIQ	31.8000, 30.9430, 28.4390

# Conversions

## Conversions Part 2

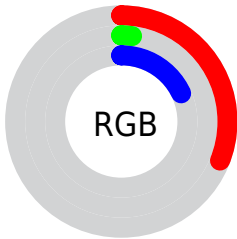
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 5, 46
Decimal	5178670
CIE <sub>Lab</sub>	15.32, 35.55, -4.79
CIE <sub>LCh</sub>	15, 35.874, 352.320
Yxy	1.9681, 0.4434, 0.2314
Android (android.graphics.Color)	4283368750 (0xFF4F052E)
YUV	31.8000, 7.0006, 41.3944
Hunter-Lab	14.0288, 23.4423, -1.8692

# Details

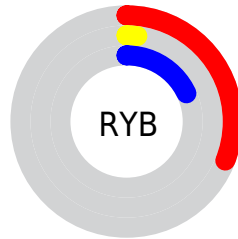
The Hex color **4F052E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **054F26**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **843A5C**, and **1D0001** is the 20% darker color. If you saturate the color by 10%, you get **4F002C**, and if you desaturate by 10%, it is **4F0D32**.

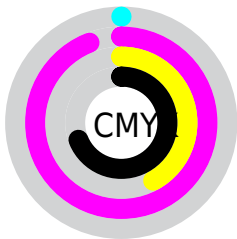
# Distribution



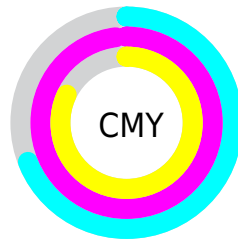
- Red (31%)
- Green (2%)
- Blue (18%)



- Red (31%)
- Yellow (2%)
- Blue (18%)



- Cyan (0%)
- Magenta (94%)
- Yellow (42%)
- Black (69%)



- Cyan (69%)
- Magenta (98%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F052E 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 4F052E by changing the saturation by 10% instead.



 4F052E

 4F052E

 FFF6FF

 360019

 843A5C

 1D0001

 9F5374

 000000

 BB6C8E

 D786A8

 F4A1C3

 FFBDDF

 FFD9FC

 4F052E

 4F052E

■ 4F002C

■ 4F0D32

■ 4F1535

■ 4F1D39

■ 4F253C

■ 4F2D40

■ 4F3443

■ 4F3C47

■ 4F444A

■ 4F4C4E

# Harmonies

## Analogous

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



3E1546



4F052E



510715

# Triad

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



4F052E



1F2B00



00304E

# Complementary

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



4F052E



054F26

# 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.



003139



4F052E



002F00

# Square

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



4F052E



362300



00311F



002C59

# Rectangle

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



4F052E



4C1200



00311F



003148



# Sweetspot

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



4F052E



664959



25054F



33222B



B3B3B3



333333



# Same Dimension

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



4F052E



660039



4F050A



262225



E6007F

# Inverse Universe

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



4F052E



660039



054F4A



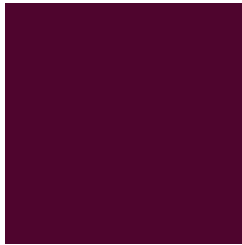
262225



E6007F

# Previews

## White Background



This preview shows how the Hex color 4F052E looks on a white background.

## Color Contrast Check

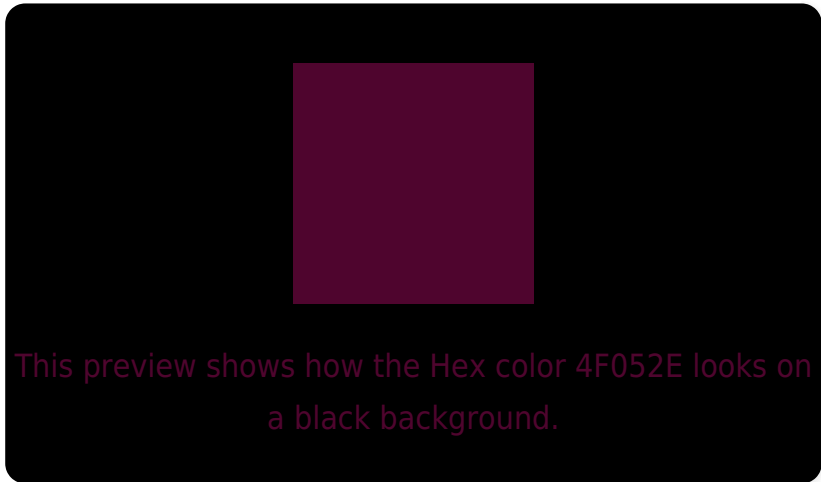
Large Text (above 18pt) WCAG AA ✓ Pass

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

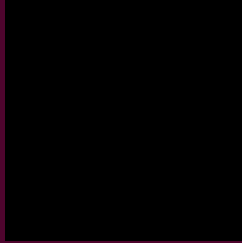
Any Text WCAG AA × Fail

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 4F052E Background



This preview shows how black text looks on a background with the Hex color 4F052E.



This preview shows how white text looks on a background with the Hex color 4F052E.

# 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**  
4F052E

**Protanopia**  
202942

**Deuteranopia**  
2D282B





**Tritanopia**  
4D1313

# Trichromacy



**Original Color**  
4F052E

**Protanomaly**  
311C3B

**Deuteranomaly**  
391B2C

**Tritanomaly**  
4E0E1D

# Monochromacy



**Original Color**  
4F052E

**Achromatopsia**  
202020

**Achromatomaly**  
311625

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F052E 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 #4F052E looks like.

```
.text, #text, p{  
    color:#4F052E  
}
```

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 #4F052E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F052E
}
```

## Border

The CSS property to change the border of an element to Hex 4F052E is called "border". The border property can be set on classes, ids or directly on the HTML element.

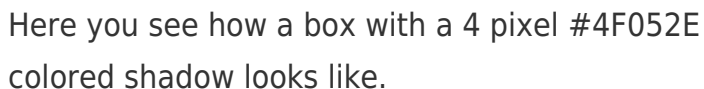
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F052E }
```

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

```
.border{ border-color:#4F052E }
```

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



Here you see how a box with a 4 pixel #4F052E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F052E; -webkit-box-shadow:4px 4px  
4px 4px #4F052E; box-shadow:4px 4px 4px  
4px #4F052E }
```

# Background

The CSS property to change the background color of an element to Hex 4F052E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F052E }
```

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

```
.background{ background-color:#4F052E }
```

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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