

# Converting Colors

Hex(79002F)

Have a look what the booklet for  
Hex(79002F) contains.

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**Color**

**Hex(79002F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79002F
RGB	121, 0, 47
RGB Percent	47%, 0%, 18%
CMY	0.5255, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.61, 0.53
HSL	337°, 100%, 24%
HSV	337°, 100%, 47%
XYZ	8.3982, 4.2702, 3.0709
YIQ	41.5370, 57.0290, 40.2690

# Conversions

## Conversions Part 2

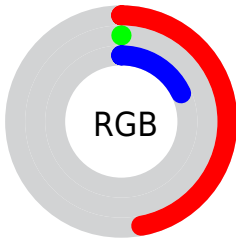
Format	Color
<a href="#">RYB</a>	121, 0, 47
Decimal	7929903
CIELab	24.55, 47.94, 9.03
CIElCh	25, 48.778, 10.665
Yxy	4.2702, 0.5336, 0.2713
Android (android.graphics.Color)	4286119983 (0xFF79002F)
YUV	41.5370, 2.6933, 69.6891
Hunter-Lab	20.6644, 36.3816, 5.6541

# Details

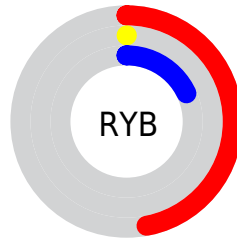
The Hex color **79002F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00794A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **B3425C**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **79002F**, and if you desaturate by 10%, it is **790C36**.

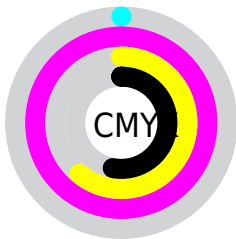
# Distribution



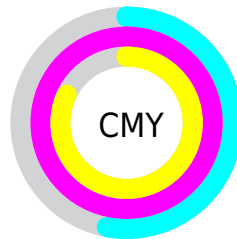
- Red (47%)
- Green (0%)
- Blue (18%)



- Red (47%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79002F 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 79002F by changing the saturation by 10% instead.



 79002F

 79002F

FFFFFF

 5D001B

 B3425C

 420000

 D05D75

 260001

 EE778F

 000000

 FF93A9

 FFAEC4

 FFCBE0

 FFE7FD

 79002F

 790C36

 79183E

 792445

 79304D

 793C54

 79495B

 795563

 79616A

 796D72

# Harmonies

## Analogous

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



6E0E53



79002F



711A0A

# Triad

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



79002F



0E4500



004580

# Complementary

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



79002F



00794A

# 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.



00496A



79002F



004820

# Square

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



79002F



3D3D00



004A47



003B84

# Rectangle

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



79002F



642900



004A47



00477B



# Sweetspot

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



79002F



9E6F81



490079



4F333E



CFCFCF



4F4F4F



# Same Dimension

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



79002F



9E003D



790C00



3D3739



7D0031



FC0062



# Inverse Universe

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



79002F



9E003D



006D79



3D3739



7D0031

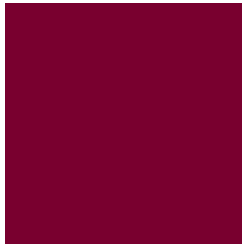


FC0062



# Previews

## White Background



This preview shows how the Hex color 79002F looks on a white background.

## Color Contrast Check

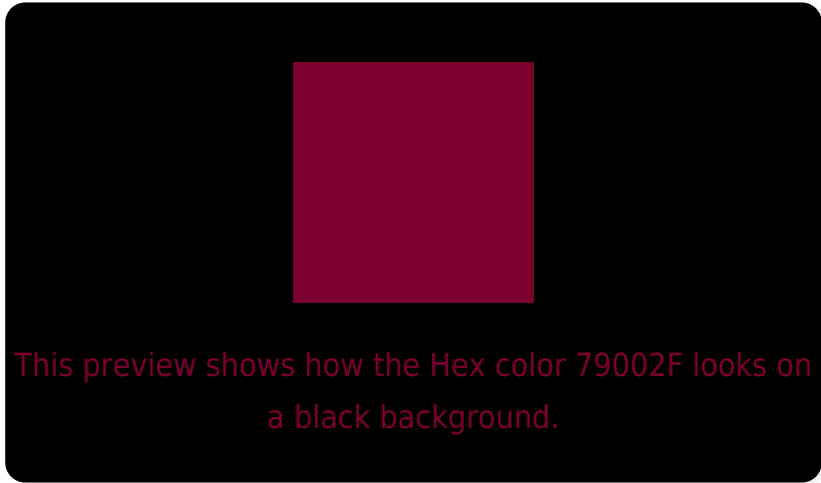
Large Text (above 18pt) WCAG AA ✓ Pass

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

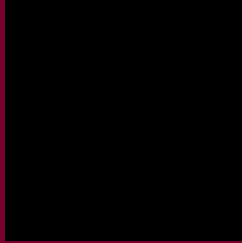
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 79002F Background



This preview shows how black text looks on a background with the Hex color 79002F.



This preview shows how white text looks on a background with the Hex color 79002F.

# 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**  
79002F

**Protanopia**  
3D3E45

**Deuteranopia**  
4A3B2A



# Trichromacy



**Original Color**  
79002F

**Protanomaly**  
53273D

**Deuteranomaly**  
5B262C

**Tritanomaly**  
780C1D

# Monochromacy



**Original Color**  
79002F

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
471B2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79002F 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 #79002F looks like.

```
.text, #text, p{  
    color:#79002F  
}
```

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 #79002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79002F
}
```

## Border

The CSS property to change the border of an element to Hex 79002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

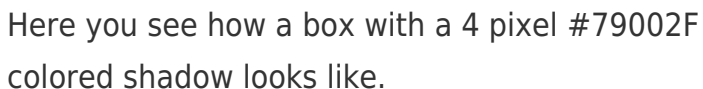
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#79002F }
```

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

```
.border{ border-color:#79002F }
```

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



Here you see how a box with a 4 pixel #79002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79002F; -webkit-box-shadow:4px 4px  
4px 4px #79002F; box-shadow:4px 4px 4px  
4px #79002F }
```

# Background

The CSS property to change the background color of an element to Hex 79002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79002F }
```

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

```
.background{ background-color:#79002F }
```

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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