

# Converting Colors

Hex(7F0C32)

Have a look what the booklet for  
Hex(7F0C32) contains.

<b>Hex(7F0C32)</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> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7F0C32)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F0C32
RGB	127, 12, 50
RGB Percent	50%, 5%, 20%
CMY	0.5020, 0.9529, 0.8039
CMYK	0.00, 0.91, 0.61, 0.50
HSL	340°, 83%, 27%
HSV	340°, 91%, 50%
XYZ	9.4596, 5.0053, 3.4851
YIQ	50.7170, 56.3420, 36.1980

# Conversions

## Conversions Part 2

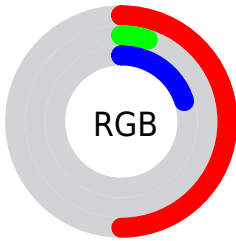
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 12, 50
Decimal	8326194
CIE Lab	26.75, 47.45, 10.20
CIE LCh	27, 48.531, 12.139
Yxy	5.0053, 0.5270, 0.2788
Android (android.graphics.Color)	4286516274 (0xFF7F0C32)
YUV	50.7170, -0.3535, 66.9002
Hunter-Lab	22.3724, 36.3222, 6.4246

# Details

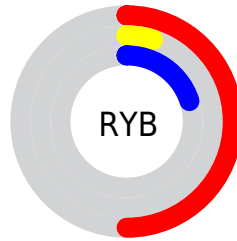
The Hex color **7F0C32** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0C7F59**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **B94860**, and **480003** is the 20% darker color. If you saturate the color by 10%, you get **7F002A**, and if you desaturate by 10%, it is **7F193B**.

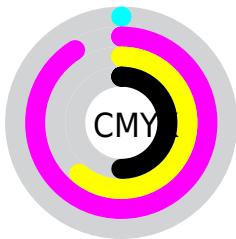
# Distribution



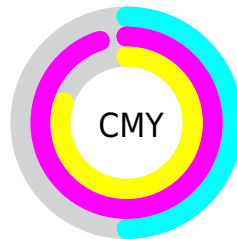
- Red (50%)
- Green (5%)
- Blue (20%)



- Red (50%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (91%)
- Yellow (61%)
- Black (50%)



- Cyan (50%)
- Magenta (95%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F0C32 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 7F0C32 by changing the saturation by 10% instead.



 7F0C32

 7F0C32

FFFFFF

 63001D

 B94860

 480003

 D76379

 2D0001

 F57E92

 000000

 FF99AD

 FF5C8

 FFD1E4

 FFEEFF

 7F0C32

 7F0C32

■ 7F002A

■ 7F193B

■ 7F2543

■ 7F324C

■ 7F3F54

■ 7F4C5D

■ 7F5865

■ 7F656E

■ 7F7276

■ 7F7E7F

# Harmonies

## Analogous

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



751557



7F0C32



76210E

# Triad

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



7F0C32



114A00



004A86

# Complementary

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



7F0C32



0C7F59

# 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.



004E71



7F0C32



004E27

# Square

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



7F0C32



414200



004F4E



003F89

# Rectangle

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



7F0C32



692F00



004F4E



004C81



# Sweetspot

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



7F0C32



A67988



590C7F



543942



D4D4D4



545454



# Same Dimension

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



7F0C32



A60037



7F1F0C



40393B



80002A



000000



# Inverse Universe

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



7F0C32



A60037



0C6C7F



40393B



80002A

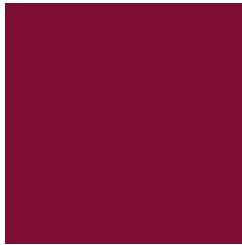


000000



# Previews

## White Background



This preview shows how the Hex color 7F0C32 looks on a white background.

## Color Contrast Check

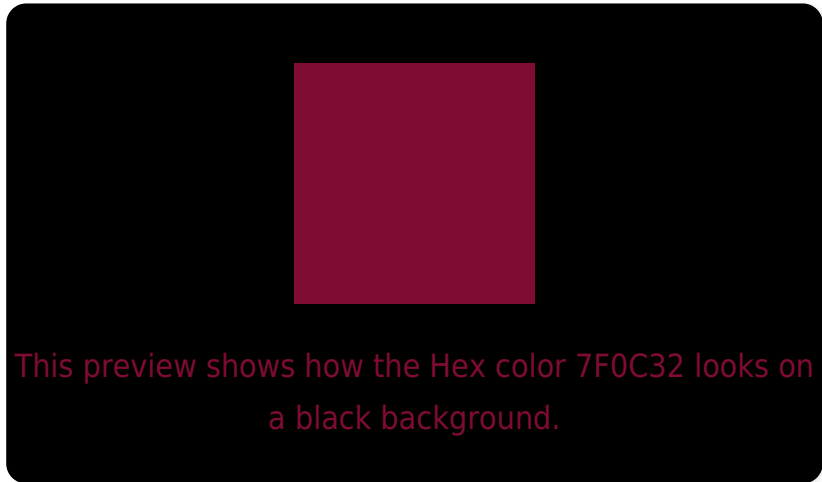
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F0C32 Background



This preview shows how black text looks on a background with the Hex color 7F0C32.



This preview shows how white text looks on a background with the Hex color 7F0C32.

# 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**  
7F0C32

**Protanopia**  
414148

**Deuteranopia**  
4F3F2D



**Tritanopia**  
7E1616

# Trichromacy



**Original Color**  
7F0C32

**Protanomaly**  
582E40

**Deuteranomaly**  
602C2F

**Tritanomaly**  
7E1220

# Monochromacy



**Original Color**  
7F0C32

**Achromatopsia**  
333333

**Achromatomaly**  
4F2533

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F0C32 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 #7F0C32 looks like.

```
.text, #text, p{  
    color:#7F0C32  
}
```

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 #7F0C32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0C32
}
```

## Border

The CSS property to change the border of an element to Hex 7F0C32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

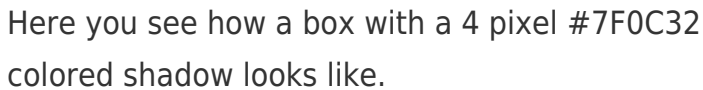
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F0C32 }
```

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

```
.border{ border-color:#7F0C32 }
```

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



Here you see how a box with a 4 pixel #7F0C32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0C32; -webkit-box-shadow:4px 4px  
4px 4px #7F0C32; box-shadow:4px 4px 4px  
4px #7F0C32 }
```

# Background

The CSS property to change the background color of an element to Hex 7F0C32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0C32 }
```

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

```
.background{ background-color:#7F0C32 }
```

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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