

# Converting Colors

Hex(7F0920)

Have a look what the booklet for  
Hex(7F0920) contains.

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**Color**

**Hex(7F0920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F0920
RGB	127, 9, 32
RGB Percent	50%, 4%, 13%
CMY	0.5020, 0.9647, 0.8745
CMYK	0.00, 0.93, 0.75, 0.50
HSL	348°, 87%, 27%
HSV	348°, 93%, 50%
XYZ	9.1108, 4.8117, 1.8151
YIQ	46.9040, 62.9450, 32.1690

# Conversions

## Conversions Part 2

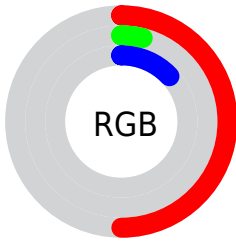
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 9, 32
Decimal	8325408
CIE Lab	26.19, 46.97, 21.65
CIE LCh	26, 51.720, 24.750
Yxy	4.8117, 0.5789, 0.3057
Android (android.graphics.Color)	4286515488 (0xFF7F0920)
YUV	46.9040, -7.3477, 70.2442
Hunter-Lab	21.9356, 35.7516, 10.4489

# Details

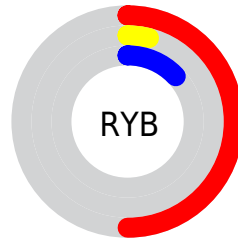
The Hex color **7F0920** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **097F68**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **BA474C**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **7F0019**, and if you desaturate by 10%, it is **7F162A**.

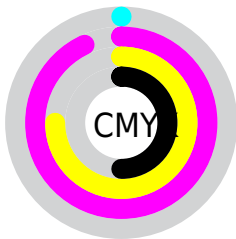
# Distribution



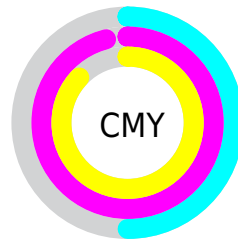
- Red (50%)
- Green (4%)
- Blue (13%)



- Red (50%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (75%)
- Black (50%)



- Cyan (50%)
- Magenta (96%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F0920 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 7F0920 by changing the saturation by 10% instead.



 7F0920

 7F0920

FFFFFF

 62000A

 BA474C

 460000

 D86164

 2B0001

 F77C7D

 000000

 FF9796

 FFB3B1

 FFCFCD

 FFECE9

 7F0920

 7F0920

■ 7F0019

■ 7F162A

■ 7F2234

■ 7F2F3F

■ 7F3C49

■ 7F4853

■ 7F555D

■ 7F6268

■ 7F6F72

■ 7F7B7C

# Harmonies

## Analogous

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



7E0047



7F0920



6F2700

# Triad

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



7F0920



004B09



00458E

# Complementary

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



7F0920



097F68

# 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.



004C7E



7F0920



004E36

# Square

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



7F0920



2E4500



004E5E



243787

# Rectangle

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



7F0920



5D3500



004E5E



00488B



# Sweetspot

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



7F0920



A67780



67097F



54383D



D4D4D4



545454



# Same Dimension

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



7F0920



A60020



7F2C09



40393B



800019



000000



# Inverse Universe

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



7F0920



A60020



095C7F



40393B



800019

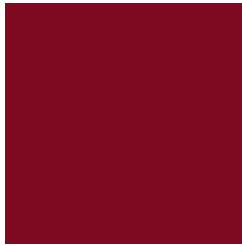


000000



# Previews

## White Background



This preview shows how the Hex color 7F0920 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 7F0920 Background



This preview shows how black text looks on a background with the Hex color 7F0920.



This preview shows how white text looks on a background with the Hex color 7F0920.

# 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**  
7F0920

**Protanopia**  
464130

**Deuteranopia**  
513E19



# Trichromacy



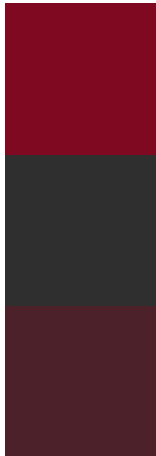
**Original Color**  
7F0920

**Protanomaly**  
5B2D2A

**Deuteranomaly**  
622B1C

**Tritanomaly**  
7F0D13

# Monochromacy



**Original Color**  
7F0920

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
4C212A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F0920 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 #7F0920 looks like.

```
.text, #text, p{  
    color:#7F0920  
}
```

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 #7F0920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0920
}
```

## Border

The CSS property to change the border of an element to Hex 7F0920 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".

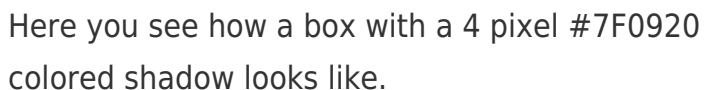
```
.border, #border, table{ border:4px solid
#7F0920 }
```

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

```
.border{ border-color:#7F0920 }
```

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

Here you see how a box with a 4 pixel #7F0920 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 #7F0920; -webkit-box-shadow:4px 4px  
4px 4px #7F0920; box-shadow:4px 4px 4px  
4px #7F0920 }
```

# Background

The CSS property to change the background color of an element to Hex 7F0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0920 }
```

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

```
.background{ background-color:#7F0920 }
```

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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