

# Converting Colors

Hex(802920)

Have a look what the booklet for  
Hex(802920) contains.

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**Color**

**Hex(802920)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	802920
RGB	128, 41, 32
RGB Percent	50%, 16%, 13%
CMY	0.4980, 0.8392, 0.8745
CMYK	0.00, 0.68, 0.75, 0.50
HSL	6°, 60%, 31%
HSV	6°, 75%, 50%
XYZ	9.9557, 6.2794, 2.0538
YIQ	65.9870, 54.7410, 15.6450

# Conversions

## Conversions Part 2

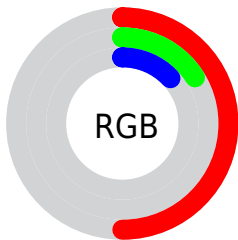
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 42, 32
Decimal	8399136
CIE Lab	30.11, 36.96, 26.26
CIE LCh	30, 45.335, 35.390
Yxy	6.2794, 0.5444, 0.3433
Android (android.graphics.Color)	4286589216 (0xFF802920)
YUV	65.9870, -16.7556, 54.3854
Hunter-Lab	25.0586, 27.0650, 12.6816

# Details

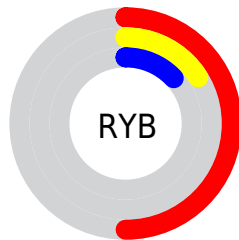
The Hex color **802920** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **207780**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **BA5B4D**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **801D13**, and if you desaturate by 10%, it is **80352D**.

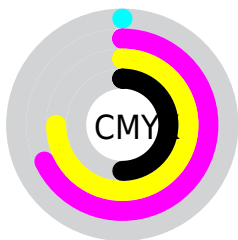
# Distribution



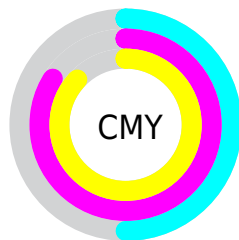
- Red (50%)
- Green (16%)
- Blue (13%)



- Red (50%)
- Yellow (16%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (75%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 802920 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 802920 by changing the saturation by 10% instead.



 802920

 802920

FFFFFF

 640D0A

 BA5B4D

 480000

 D87565

 300002

 F68F7E

 000000

 FFAB98

 FFC6B3

 FFE3CE

 FFFFEA

 802920

 802920

■ 801D13

■ 80352D

■ 801206

■ 80403A

■ 800C00

■ 804C46

■ 805753

■ 806360

■ 806F6D

■ 807A7A

■ 808686

■ 809193

# Harmonies

## Analogous

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



841F42



802920



6D3A00

# Triad

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



802920



005528



00498E

# Complementary

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



802920



207780

# 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.



005287



802920



00574D

# Square

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



802920



2C5001



00566F



4E3A81

# Rectangle

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



802920



5B4300



00566F



004D8E



# Sweetspot

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



802920



A68380



802078



543F3D



D4D4D4



545454



# Same Dimension

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



802920



A61F11



805820



403A39



800C00



000000



# Inverse Universe

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



207780



1198A6



204880



393F40



007480



000000



# Previews

## White Background



This preview shows how the Hex color 802920 looks on a white background.

## Color Contrast Check

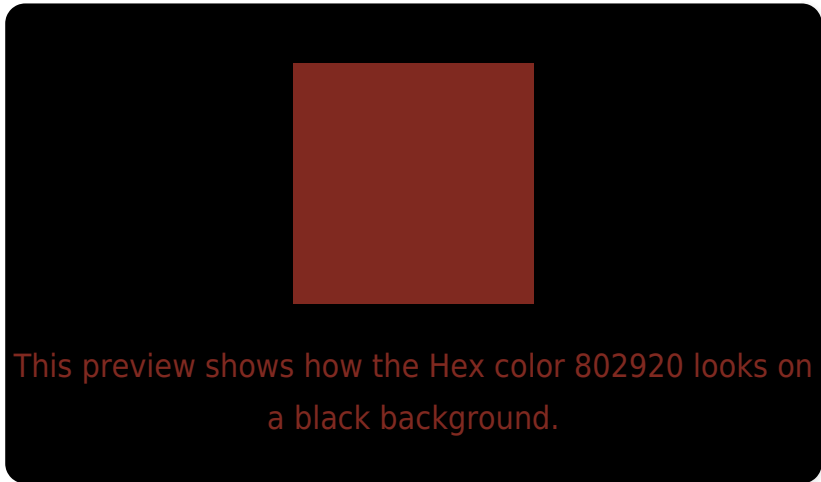
Large Text (above 18pt) WCAG AA ✓ Pass

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 802920 Background



This preview shows how black text looks on a background with the Hex color 802920.

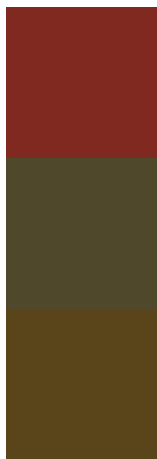


This preview shows how white text looks on a background with the Hex color 802920.

# 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**  
802920

**Protanopia**  
4F482A

**Deuteranopia**  
5A451A



**Tritanopia**  
80282A

# Trichromacy



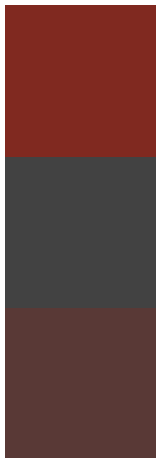
**Original Color**  
802920

**Protanomaly**  
613D26

**Deuteranomaly**  
683B1C

**Tritanomaly**  
802826

# Monochromacy



**Original Color**  
802920

**Achromatopsia**  
424242

**Achromatomaly**  
593936

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 802920 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 #802920 looks like.

```
.text, #text, p{  
    color:#802920  
}
```

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 #802920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802920
}
```

## Border

The CSS property to change the border of an element to Hex 802920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

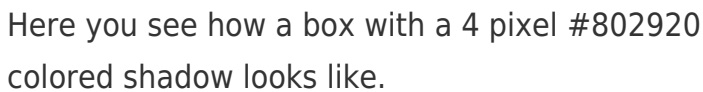
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802920 }
```

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

```
.border{ border-color:#802920 }
```

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



Here you see how a box with a 4 pixel #802920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802920; -webkit-box-shadow:4px 4px  
4px 4px #802920; box-shadow:4px 4px 4px  
4px #802920 }
```

# Background

The CSS property to change the background color of an element to Hex 802920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802920 }
```

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

```
.background{ background-color:#802920 }
```

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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