

# Converting Colors

Hex(891010)

Have a look what the booklet for  
Hex(891010) contains.

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# Color

**Hex(891010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	891010
RGB	137, 16, 16
RGB Percent	54%, 6%, 6%
CMY	0.4627, 0.9373, 0.9373
CMYK	0.00, 0.88, 0.88, 0.46
HSL	0°, 79%, 30%
HSV	0°, 88%, 54%
XYZ	10.5953, 5.7264, 1.0371
YIQ	52.1790, 72.1160, 25.6520

# Conversions

## Conversions Part 2

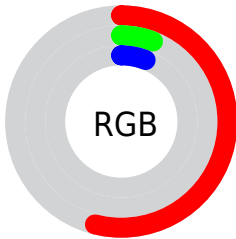
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 16, 16
Decimal	8982544
CIE <sub>Lab</sub>	28.71, 47.92, 34.69
CIE <sub>LCh</sub>	29, 59.157, 35.907
Yxy	5.7264, 0.6104, 0.3299
Android (android.graphics.Color)	4287172624 (0xFF891010)
YUV	52.1790, -17.8362, 74.3880
Hunter-Lab	23.9298, 37.1569, 14.1814

# Details

The Hex color **891010** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **108989**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **C64B3C**, and **4E0000** is the 20% darker color. If you saturate the color by 10%, you get **890202**, and if you desaturate by 10%, it is **891E1E**.

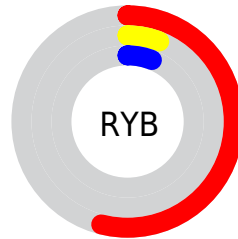
# Distribution



Red (54%)

Green (6%)

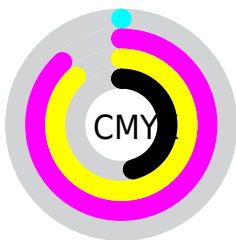
Blue (6%)



Red (54%)

Yellow (6%)

Blue (6%)

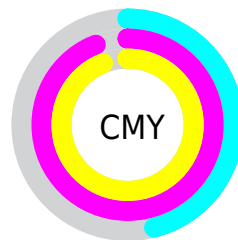


Cyan (0%)

Magenta (88%)

Yellow (88%)

Black (46%)



Cyan (46%)

Magenta (94%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 891010 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 891010 by changing the saturation by 10% instead.



 891010

 891010

 FFFFF3

 6C0000

 C64B3C

 4E0000

 E56653

 340002

 FF816C

 000000

 FF9C85

 FFB89F

 FFD5BB

 FFF2D6

 891010

 891010

■ 890202

■ 891E1E

■ 890000

■ 892B2B

■ 893939

■ 894747

■ 895454

■ 896262

■ 897070

■ 897E7E

■ 898B8B

# Harmonies

## Analogous

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



90003D



891010



703200

# Triad

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



891010



00541B



0047A0

# Complementary

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



891010



108989

# 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.



005298



891010



00564C

# Square

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



891010



174F00



005679



4A328F

# Rectangle

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



891010



594000



005679



004CA0



# Sweetspot

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



891010



B38484



891089



593E3E



D9D9D9



595959



# Same Dimension

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



891010



B30000



894C10



453E3E



850000



050000



# Inverse Universe

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



108989



00B3B3



104C89



3E4545



008585



000505



# Previews

## White Background



This preview shows how the Hex color 891010 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 891010 Background



This preview shows how black text looks on a background with the Hex color 891010.



This preview shows how white text looks on a background with the Hex color 891010.

# 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**  
891010

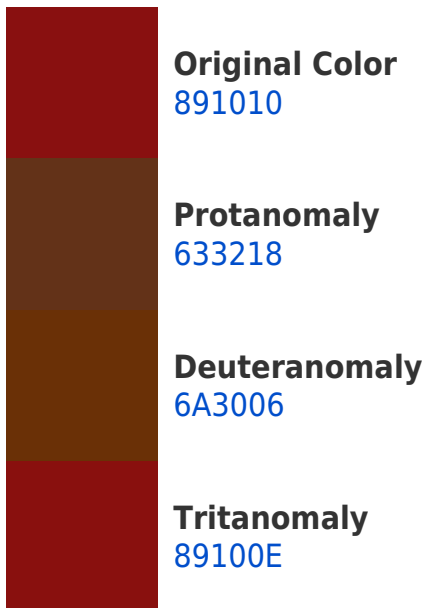
**Protanopia**  
4E461C

**Deuteranopia**  
584300

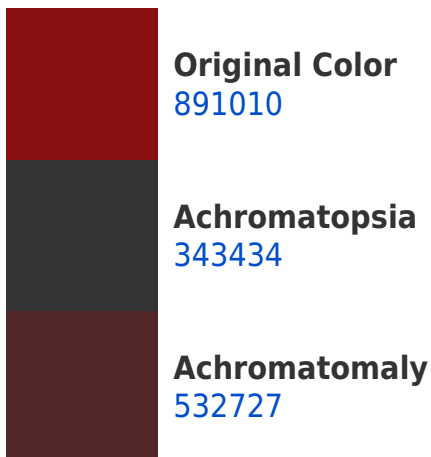


**Tritanopia**  
89100D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 891010 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 #891010 looks like.

```
.text, #text, p{  
    color:#891010  
}
```

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 #891010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #891010
}
```

## Border

The CSS property to change the border of an element to Hex 891010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

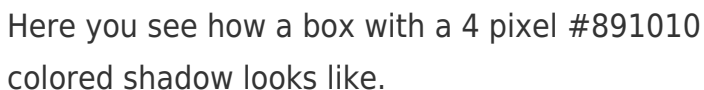
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#891010 }
```

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

```
.border{ border-color:#891010 }
```

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



Here you see how a box with a 4 pixel #891010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #891010; -webkit-box-shadow:4px 4px  
4px 4px #891010; box-shadow:4px 4px 4px  
4px #891010 }
```

# Background

The CSS property to change the background color of an element to Hex 891010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#891010 }
```

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

```
.background{ background-color:#891010 }
```

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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