

# Converting Colors

Hex(8F0000)

Have a look what the booklet for  
Hex(8F0000) contains.

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**Color**

**Hex(8F0000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F0000
RGB	143, 0, 0
RGB Percent	56%, 0%, 0%
CMY	0.4392, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.44
HSL	0°, 100%, 28%
HSV	0°, 100%, 56%
XYZ	11.3277, 5.8396, 0.5301
YIQ	42.7570, 85.2280, 30.3160

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 0, 0
Decimal	9371648
CIE Lab	29.00, 52.07, 42.42
CIE LCh	29, 67.168, 39.169
Yxy	5.8396, 0.6401, 0.3300
Android (android.graphics.Color)	4287561728 (0xFF8F0000)
YUV	42.7570, -21.0792, 87.9131
Hunter-Lab	24.1653, 41.3839, 15.6151

# Details

The Hex color **8F0000** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **008F8F**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **CD462F**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8F0000**, and if you desaturate by 10%, it is **8F0E0E**.

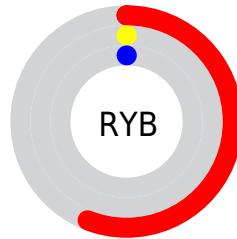
# Distribution



Red (56%)

Green (0%)

Blue (0%)



Red (56%)

Yellow (0%)

Blue (0%)

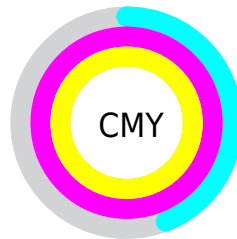


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F0000 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 8F0000 by changing the saturation by 10% instead.



 8F0000

 8F0000

 FFFFE4

 710000

 CD462F

 520000

 ED6246

 380002

 FF7D5F

 0C0000

 FF9878

 000000

 FFB592

 FFD1AD

 FFEEC8

 8F0000

 8F0E0E

 8F1D1D

 8F2B2B

 8F3939

 8F4848

 8F5656

 8F6464

 8F7272

 8F8181

# Harmonies

## Analogous

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



9A0037



8F0000



713300

# Triad

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



8F0000



00561C



0047AD

# Complementary

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



8F0000



008F8F

# 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.



0054A7



8F0000



005854

# Square

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



8F0000



005200



005886



542B97

# Rectangle

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



8F0000



564200



005886



004DAF



# Sweetspot

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



8F0000



BA8282



8F008F



5E3C3C



DEDEDE



5E5E5E



# Same Dimension

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



8F0000



BA0000



8F4800



474040



870000



080000



# Inverse Universe

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



008F8F



00BABA



00488F



404747



008787

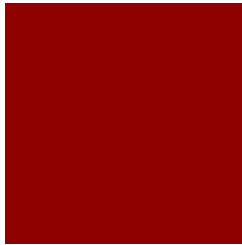


000808



# Previews

## White Background



This preview shows how the Hex color 8F0000 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 8F0000 Background



This preview shows how black text looks on a background with the Hex color 8F0000.



This preview shows how white text looks on a background with the Hex color 8F0000.

# 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**  
8F0000

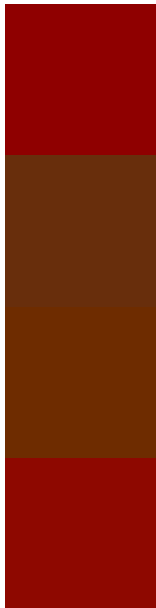
**Protanopia**  
514813

**Deuteranopia**  
5B4500



**Tritanopia**  
8E0D00

# Trichromacy



**Original Color**  
8F0000

**Protanomaly**  
682E0C

**Deuteranomaly**  
6E2C00

**Tritanomaly**  
8E0800

# Monochromacy



**Original Color**  
8F0000

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
4F1B1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F0000 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 #8F0000 looks like.

```
.text, #text, p{  
    color:#8F0000  
}
```

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 #8F0000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F0000
}
```

## Border

The CSS property to change the border of an element to Hex 8F0000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

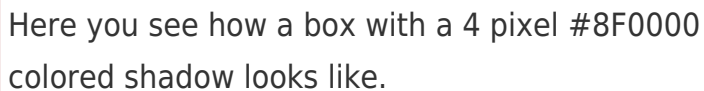
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F0000 }
```

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

```
.border{ border-color:#8F0000 }
```

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



Here you see how a box with a 4 pixel #8F0000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F0000; -webkit-box-shadow:4px 4px  
4px 4px #8F0000; box-shadow:4px 4px 4px  
4px #8F0000 }
```

# Background

The CSS property to change the background color of an element to Hex 8F0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F0000 }
```

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

```
.background{ background-color:#8F0000 }
```

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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