

# Converting Colors

Hex(8F1235)

Have a look what the booklet for  
Hex(8F1235) contains.

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# Color

Hex(8F1235)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F1235
RGB	143, 18, 53
RGB Percent	56%, 7%, 21%
CMY	0.4392, 0.9294, 0.7922
CMYK	0.00, 0.87, 0.63, 0.44
HSL	343°, 78%, 32%
HSV	343°, 87%, 56%
XYZ	12.1866, 6.5293, 3.9861
YIQ	59.3650, 63.2650, 37.3850

# Conversions

## Conversions Part 2

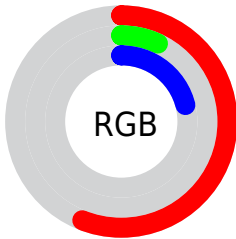
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 18, 53
Decimal	9376309
CIE Lab	30.71, 50.79, 14.13
CIE LCh	31, 52.716, 15.543
Yxy	6.5293, 0.5368, 0.2876
Android (android.graphics.Color)	4287566389 (0xFF8F1235)
YUV	59.3650, -3.1379, 73.3479
Hunter-Lab	25.5525, 40.4142, 8.6376

# Details

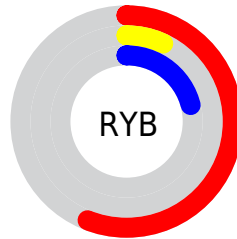
The Hex color **8F1235** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **128F6C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **CA4F63**, and **560009** is the 20% darker color. If you saturate the color by 10%, you get **8F042B**, and if you desaturate by 10%, it is **8F203F**.

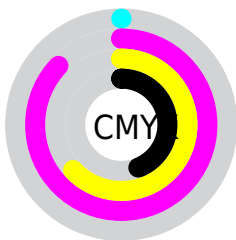
# Distribution



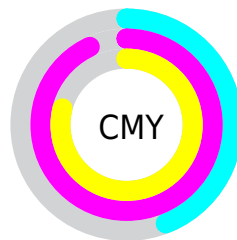
- Red (56%)
- Green (7%)
- Blue (21%)



- Red (56%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (87%)
- Yellow (63%)
- Black (44%)



- Cyan (44%)
- Magenta (93%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F1235 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 8F1235 by changing the saturation by 10% instead.



 8F1235

 8F1235

FFFFFF

 720020

 CA4F63

 560009

 E96A7C

 3B0002

 FF8596

 170000

 FFA0B0

 000000

 FFBDC0

 FFD9E8

 FFF6FF

 8F1235

 8F1235

■ 8F042B

■ 8F203F

■ 8F0028

■ 8F2F4A

■ 8F3D54

■ 8F4B5E

■ 8F5A68

■ 8F6873

■ 8F767D

■ 8F8487

■ 8F9392

# Harmonies

## Analogous

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



86175E



8F1235



832A0C

# Triad

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



8F1235



075502



005399

# Complementary

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



8F1235



128F6C

# 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.



005983



8F1235



005932

# Square

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



8F1235



464D00



005A5D



004699

# Rectangle

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



8F1235



733900



005A5D



005594



# Sweetspot

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



8F1235



BA8A97



6C128F



5E4149



DEDEDE



5E5E5E



# Same Dimension

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



8F1235



BA0034



8F2D12



474042



870026



080002



# Inverse Universe

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



8F1235



BA0034



12748F



474042



870026

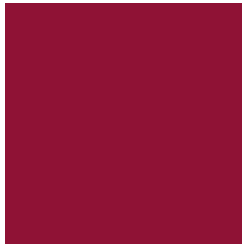


080002



# Previews

## White Background



This preview shows how the Hex color 8F1235 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 8F1235 Background



This preview shows how black text looks on a background with the Hex color 8F1235.

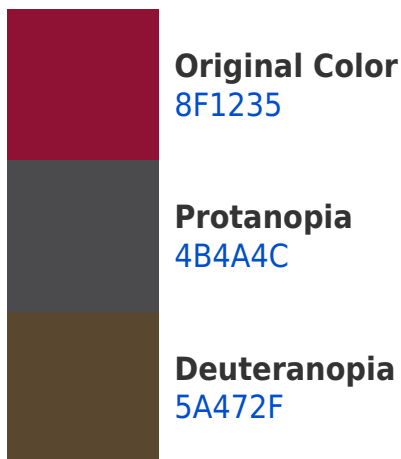


This preview shows how white text looks on a background with the Hex color 8F1235.

# 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





**Tritanopia**  
8E1A1A

# Trichromacy



**Original Color**  
8F1235

**Protanomaly**  
643644

**Deuteranomaly**  
6D3431

**Tritanomaly**  
8E1724

# Monochromacy



**Original Color**  
8F1235

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
5A2C39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F1235 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 #8F1235 looks like.

```
.text, #text, p{  
    color:#8F1235  
}
```

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 #8F1235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F1235 }  
}
```

## Border

The CSS property to change the border of an element to Hex 8F1235 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 #8F1235 }  
}
```

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

```
.border{ border-color:#8F1235 }
```

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

Here you see how a box with a 4 pixel #8F1235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F1235; -webkit-box-shadow:4px 4px  
4px 4px #8F1235; box-shadow:4px 4px 4px  
4px #8F1235 }
```

# Background

The CSS property to change the background color of an element to Hex 8F1235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F1235 }
```

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

```
.background{ background-color:#8F1235 }
```

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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