

# Converting Colors

Hex(8F0026)

Have a look what the booklet for  
Hex(8F0026) contains.

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# Color

**Hex(8F0026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F0026
RGB	143, 0, 38
RGB Percent	56%, 0%, 15%
CMY	0.4392, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.73, 0.44
HSL	344°, 100%, 28%
HSV	344°, 100%, 56%
XYZ	11.6775, 5.9796, 2.3724
YIQ	47.0890, 73.0300, 42.1340

# Conversions

## Conversions Part 2

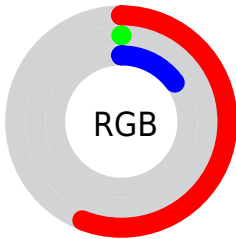
Format	Color
<a href="#">RYB</a>	<a href="#">143, 0, 38</a>
Decimal	<a href="#">9371686</a>
CIELab	<a href="#">29.36, 53.04, 22.35</a>
CIELCh	<a href="#">29, 57.560, 22.846</a>
Yxy	<a href="#">5.9796, 0.5830, 0.2985</a>
Android (android.graphics.Color)	<a href="#">4287561766 (0xFF8F0026)</a>
YUV	<a href="#">47.0890, -4.4809, 84.1139</a>
Hunter-Lab	<a href="#">24.4532, 42.4491, 11.3650</a>

# Details

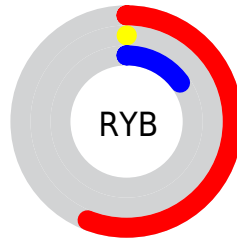
The Hex color **8F0026** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008F69**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **CB4753**, and **540000** is the 20% darker color. If you saturate the color by 10%, you get **8F0026**, and if you desaturate by 10%, it is **8F0E31**.

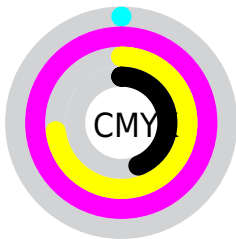
# Distribution



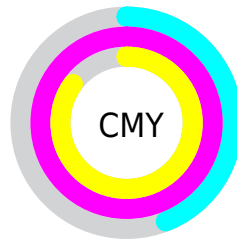
- Red (56%)
- Green (0%)
- Blue (15%)



- Red (56%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F0026 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 8F0026 by changing the saturation by 10% instead.



 8F0026

 8F0026

FFFFFF

 710012

 CB4753

 540000

 EA636B

 3A0002

 FF7E84

 110000

 FF9A9E

 000000

 FFB6B9

 FFD3D4

 FFF0F1

 8F0026

 8F0E31

 8F1D3B

 8F2B46

 8F3950

 8F485B

 8F5665

 8F6470

 8F727A

 8F8185

# Harmonies

## Analogous

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



8C0052



8F0026



7E2900

# Triad

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



8F0026



005403



004E9F

# Complementary

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



8F0026



008F69

# 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.



00568D



8F0026



005739

# Square

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



8F0026



354D00



005867



193E99

# Rectangle

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



8F0026



6A3900



005867



00529C



# Sweetspot

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



8F0026



BA8291



69008F



5E3C45



DEDEDE



5E5E5E



# Same Dimension

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



8F0026



BA0031



8F2100



474042



870024



080002



# Inverse Universe

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



8F0026



BA0031



006E8F



474042



870024



080002



# Previews

## White Background



This preview shows how the Hex color 8F0026 looks on a white background.

## Color Contrast Check

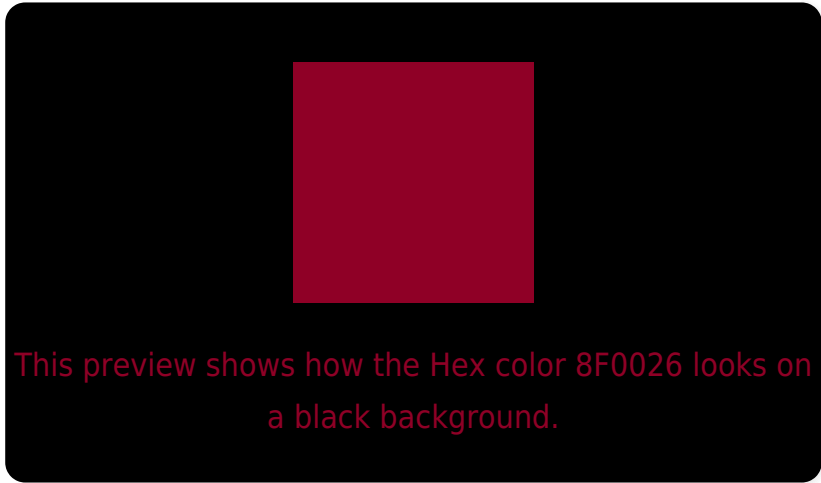
Large Text (above 18pt) WCAG AA ✓ Pass

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 8F0026 Background



This preview shows how black text looks on a background with the Hex color 8F0026.

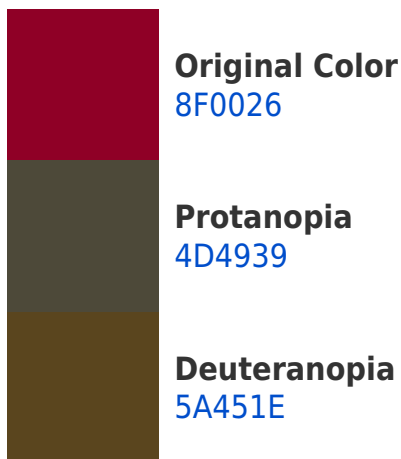


This preview shows how white text looks on a background with the Hex color 8F0026.

# 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**  
8E100B

# Trichromacy



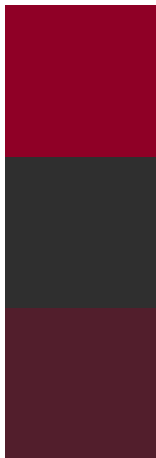
**Original Color**  
8F0026

**Protanomaly**  
652E32

**Deuteranomaly**  
6D2C21

**Tritanomaly**  
8E0A15

# Monochromacy



**Original Color**  
8F0026

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
521E2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F0026 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 #8F0026 looks like.

```
.text, #text, p{  
    color:#8F0026  
}
```

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 #8F0026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F0026
}
```

## Border

The CSS property to change the border of an element to Hex 8F0026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

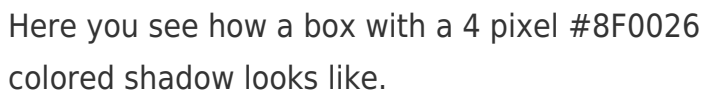
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F0026 }
```

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

```
.border{ border-color:#8F0026 }
```

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



Here you see how a box with a 4 pixel #8F0026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F0026; -webkit-box-shadow:4px 4px  
4px 4px #8F0026; box-shadow:4px 4px 4px  
4px #8F0026 }
```

# Background

The CSS property to change the background color of an element to Hex 8F0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F0026 }
```

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

```
.background{ background-color:#8F0026 }
```

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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