

# Converting Colors

Hex(8F0432)

Have a look what the booklet for  
Hex(8F0432) contains.

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# Color

**Hex(8F0432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F0432
RGB	143, 4, 50
RGB Percent	56%, 2%, 20%
CMY	0.4392, 0.9843, 0.8039
CMYK	0.00, 0.97, 0.65, 0.44
HSL	340°, 95%, 29%
HSV	340°, 97%, 56%
XYZ	11.9468, 6.1568, 3.5763
YIQ	50.8050, 68.0780, 43.7740

# Conversions

## Conversions Part 2

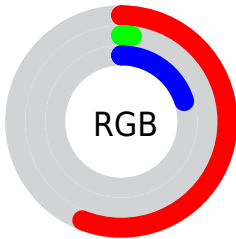
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	143, 4, 50
Decimal	9372722
CIE Lab	29.80, 53.03, 14.92
CIE LCh	30, 55.088, 15.717
Yxy	6.1568, 0.5511, 0.2840
Android (android.graphics.Color)	4287562802 (0xFF8F0432)
YUV	50.8050, -0.3969, 80.8550
Hunter-Lab	24.8128, 42.5214, 8.8234

# Details

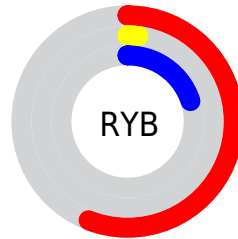
The Hex color **8F0432** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **048F61**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **CB4960**, and **550004** is the 20% darker color. If you saturate the color by 10%, you get **8F002F**, and if you desaturate by 10%, it is **8F123C**.

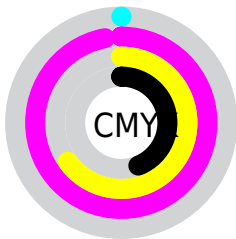
# Distribution



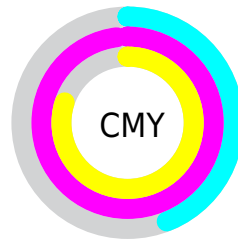
- Red (56%)
- Green (2%)
- Blue (20%)



- Red (56%)
- Yellow (2%)
- Blue (20%)



- Cyan (0%)
- Magenta (97%)
- Yellow (65%)
- Black (44%)



- Cyan (44%)
- Magenta (98%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F0432 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 8F0432 by changing the saturation by 10% instead.



 8F0432

 8F0432

FFFFFF

 72001D

 CB4960

 550004

 E96479

 3B0002

 FF8092

 140000

 FF9CAD

 000000

 FFB8C8

 FFD4E4

 FFF2FF

 8F0432

 8F0432

■ 8F002F

■ 8F123C

■ 8F2145

■ 8F2F4F

■ 8F3D58

■ 8F4B62

■ 8F5A6B

■ 8F6875

■ 8F767F

■ 8F8588

# Harmonies

## Analogous

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



870C5C



8F0432



822606

# Triad

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



8F0432



005300



00519A

# Complementary

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



8F0432



048F61

# 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.



005783



8F0432



00572F

# Square

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



8F0432



424B00



00585C



00449A

# Rectangle

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



8F0432



723600



00585C



005495



# Sweetspot

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



8F0432



BA8496



61048F



5E3D48



DEDEDE



5E5E5E



# Same Dimension

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



8F0432



BA003E



8F1B04



474043



87002D



080003



# Inverse Universe

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



8F0432



BA003E



04788F



474043



87002D

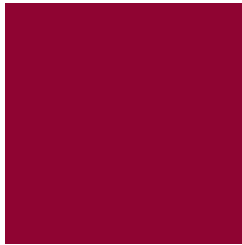


080003



# Previews

## White Background



This preview shows how the Hex color 8F0432 looks on a white background.

## Color Contrast Check

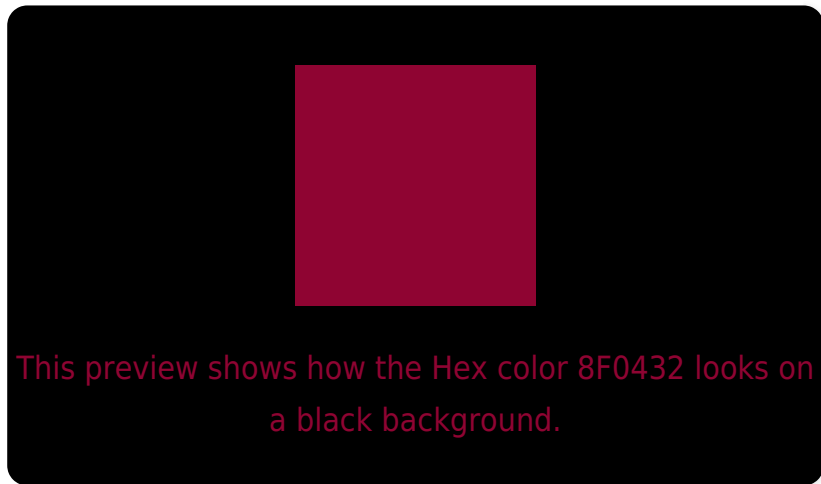
Large Text (above 18pt) WCAG AA ✓ Pass

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 8F0432 Background



This preview shows how black text looks on a background with the Hex color 8F0432.



This preview shows how white text looks on a background with the Hex color 8F0432.

# 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**  
8F0432

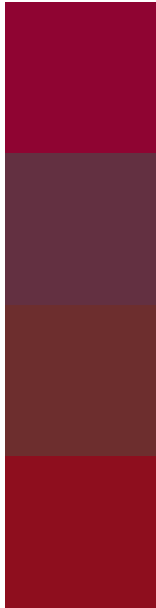
**Protanopia**  
4A4949

**Deuteranopia**  
59462C



**Tritanopia**  
8E1412

# Trichromacy



**Original Color**  
8F0432

**Protanomaly**  
633041

**Deuteranomaly**  
6D2E2E

**Tritanomaly**  
8E0E1E

# Monochromacy



**Original Color**  
8F0432

**Achromatopsia**  
333333

**Achromatomaly**  
542233

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F0432 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 #8F0432 looks like.

```
.text, #text, p{  
    color:#8F0432  
}
```

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 #8F0432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F0432
}
```

## Border

The CSS property to change the border of an element to Hex 8F0432 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".

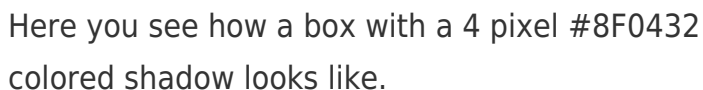
```
.border, #border, table{ border:4px solid
#8F0432 }
```

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

```
.border{ border-color:#8F0432 }
```

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

Here you see how a box with a 4 pixel #8F0432 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F0432; -webkit-box-shadow:4px 4px  
4px 4px #8F0432; box-shadow:4px 4px 4px  
4px #8F0432 }
```

# Background

The CSS property to change the background color of an element to Hex 8F0432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F0432 }
```

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

```
.background{ background-color:#8F0432 }
```

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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