

# Converting Colors

Hex(8D0234)

Have a look what the booklet for  
Hex(8D0234) contains.

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**Color**

**Hex(8D0234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D0234
RGB	141, 2, 52
RGB Percent	55%, 1%, 20%
CMY	0.4471, 0.9922, 0.7961
CMYK	0.00, 0.99, 0.63, 0.45
HSL	338°, 97%, 28%
HSV	338°, 99%, 55%
XYZ	11.6260, 5.9541, 3.7853
YIQ	49.2610, 66.7940, 45.0180

# Conversions

## Conversions Part 2

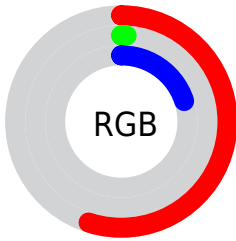
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 2, 52
Decimal	9241140
CIE Lab	29.30, 52.96, 12.82
CIE LCh	29, 54.487, 13.611
Yxy	5.9541, 0.5442, 0.2787
Android (android.graphics.Color)	4287431220 (0xFF8D0234)
YUV	49.2610, 1.3503, 80.4551
Hunter-Lab	24.4010, 42.3462, 7.8831

# Details

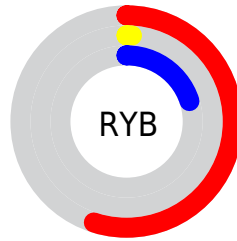
The Hex color **8D0234** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **028D5B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **C84862**, and **540007** is the 20% darker color. If you saturate the color by 10%, you get **8D0033**, and if you desaturate by 10%, it is **8D103D**.

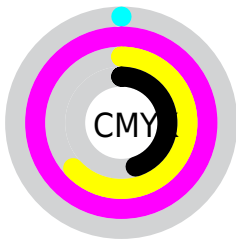
# Distribution



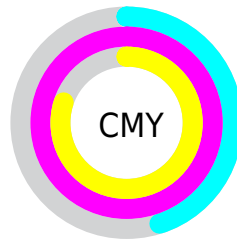
- Red (55%)
- Green (1%)
- Blue (20%)



- Red (55%)
- Yellow (1%)
- Blue (20%)



- Cyan (0%)
- Magenta (99%)
- Yellow (63%)
- Black (45%)



- Cyan (45%)
- Magenta (99%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D0234 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 8D0234 by changing the saturation by 10% instead.



 8D0234

 8D0234

FFFFFF

 70001F

 C84862

 540007

 E7637B

 390002

 FF7F95

 110000

 FF9AAF

 000000

 FFB7CA

 FFD3E7

 FFF0FF

 8D0234

 8D0234

■ 8D0033

■ 8D103D

■ 8D1E46

■ 8D2C4F

■ 8D3A58

■ 8D4961

■ 8D576A

■ 8D6573

■ 8D737C

■ 8D8185

# Harmonies

## Analogous

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



830F5E



8D0234



822309

# Triad

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



8D0234



045100



005197

# Complementary

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



8D0234



028D5B

# 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.



00567F



8D0234



00552B

# Square

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



8D0234



444900



005758



004498

# Rectangle

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



8D0234



723400



005758



005391



# Sweetspot

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



8D0234



B88194



5A028D



5C3B47



DBDBDB



5C5C5C



# Same Dimension

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



8D0234



B80042



8D1502



474043



870031



080003



# Inverse Universe

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



8D0234



B80042



027A8D



474043



870031

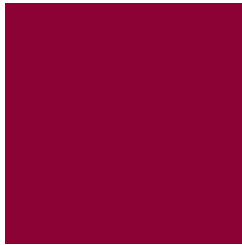


080003



# Previews

## White Background



This preview shows how the Hex color 8D0234 looks on a white background.

## Color Contrast Check

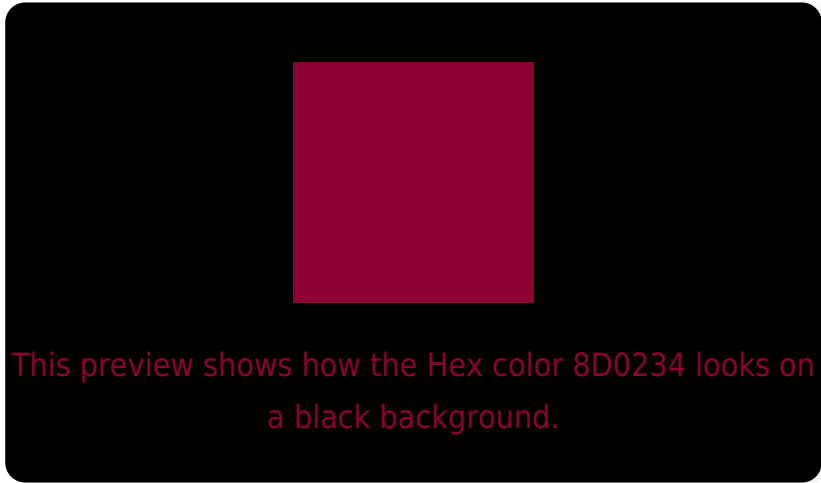
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D0234 Background



This preview shows how black text looks on a background with the Hex color 8D0234.



This preview shows how white text looks on a background with the Hex color 8D0234.

# 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**  
8D0234

**Protanopia**  
48484C

**Deuteranopia**  
57452E



**Tritanopia**  
8C1513

# Trichromacy



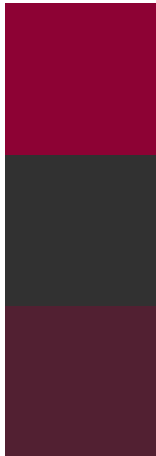
**Original Color**  
8D0234

**Protanomaly**  
612F43

**Deuteranomaly**  
6B2D30

**Tritanomaly**  
8C0E1F

# Monochromacy



**Original Color**  
8D0234

**Achromatopsia**  
313131

**Achromatomaly**  
522032

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D0234 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 #8D0234 looks like.

```
.text, #text, p{  
    color:#8D0234  
}
```

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 #8D0234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D0234
}
```

## Border

The CSS property to change the border of an element to Hex 8D0234 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
#8D0234 }
```

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

```
.border{ border-color:#8D0234 }
```

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

Here you see how a box with a 4 pixel #8D0234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D0234; -webkit-box-shadow:4px 4px  
4px 4px #8D0234; box-shadow:4px 4px 4px  
4px #8D0234 }
```

# Background

The CSS property to change the background color of an element to Hex 8D0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D0234 }
```

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

```
.background{ background-color:#8D0234 }
```

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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