

# Converting Colors

Hex(8D2D35)

Have a look what the booklet for  
Hex(8D2D35) contains.

<b>Hex(8D2D35)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8D2D35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D2D35
RGB	141, 45, 53
RGB Percent	55%, 18%, 21%
CMY	0.4471, 0.8235, 0.7922
CMYK	0.00, 0.68, 0.62, 0.45
HSL	355°, 52%, 36%
HSV	355°, 68%, 55%
XYZ	12.5655, 7.7965, 4.2108
YIQ	74.6160, 54.6480, 22.8400

# Conversions

## Conversions Part 2

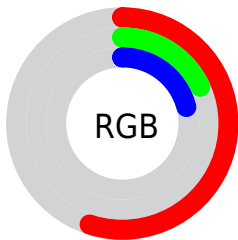
Format	Color
<a href="#">RYB</a>	<a href="#">141, 45, 53</a>
Decimal	<a href="#">9252149</a>
CIELab	<a href="#">33.56, 41.11, 17.81</a>
CIElCh	<a href="#">34, 44.802, 23.419</a>
Yxy	<a href="#">7.7965, 0.5114, 0.3173</a>
Android (android.graphics.Color)	<a href="#">4287442229</a> ( <a href="#">0xFF8D2D35</a> )
YUV	<a href="#">74.6160, -10.6567, 58.2188</a>
Hunter-Lab	<a href="#">27.9223, 31.4640, 10.6045</a>

# Details

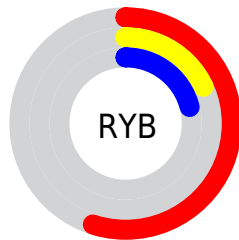
The Hex color **8D2D35** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2D8D85**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **C76163**, and **550009** is the 20% darker color. If you saturate the color by 10%, you get **8D1F28**, and if you desaturate by 10%, it is **8D3B42**.

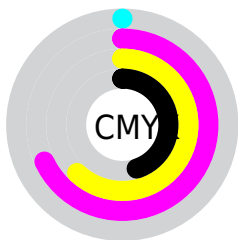
# Distribution



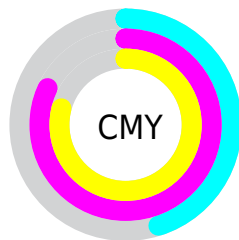
- Red (55%)
- Green (18%)
- Blue (21%)



- Red (55%)
- Yellow (18%)
- Blue (21%)



- Cyan (0%)
- Magenta (68%)
- Yellow (62%)
- Black (45%)



- Cyan (45%)
- Magenta (82%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D2D35 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 8D2D35 by changing the saturation by 10% instead.



 8D2D35

 8D2D35

FFFFFF

 711020

 C76163

 550009

 E57B7C

 3A0000

 FF9696

 1A0001

 FFB1B1

 000000

 FFCDC

 FFEAE8

 8D2D35

 8D2D35

 8D1F28

 8D3B42

 8D111B

 8D494F

 8D030E

 8D575C

 8D000C

 8D6569

 8D7476

 8D8283

 8D908F

 8D9E9C

 8DACA9

# Harmonies

## Analogous

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



8A2B58



8D2D35



7F3C15

# Triad

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



8D2D35



0E5C22



005596

# Complementary

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



8D2D35



2D8D85

# 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.



005D88



8D2D35



005F46

# Square

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



8D2D35



455500



005F6A



3E4990

# Rectangle

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



8D2D35



704600



005F6A



005893



# Sweetspot

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



8D2D35



B89396



852D8D



5C4648



DBDBDB



5C5C5C



# Same Dimension

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



8D2D35



B8212E



8D552D



474041



87000B



080001



# Inverse Universe

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



8D2D35



B8212E



2D658D



474041



87000B



080001



# Previews

## White Background



This preview shows how the Hex color 8D2D35 looks on a white background.

## Color Contrast Check

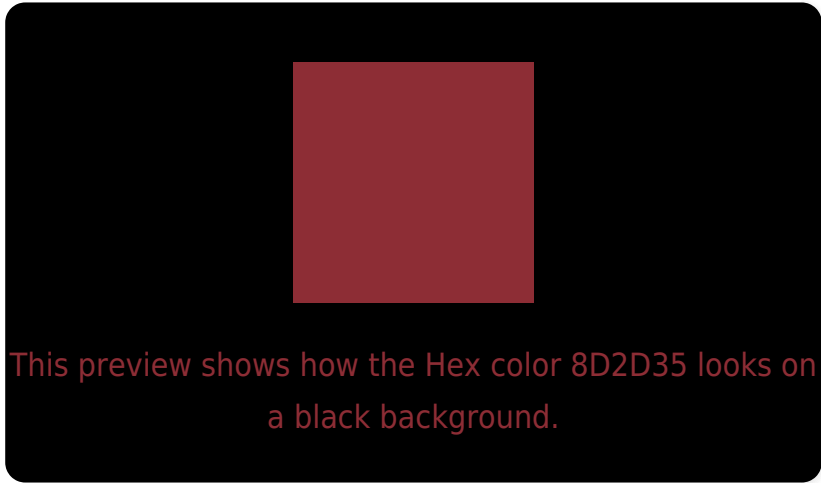
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D2D35 Background



This preview shows how black text looks on a background with the Hex color 8D2D35.

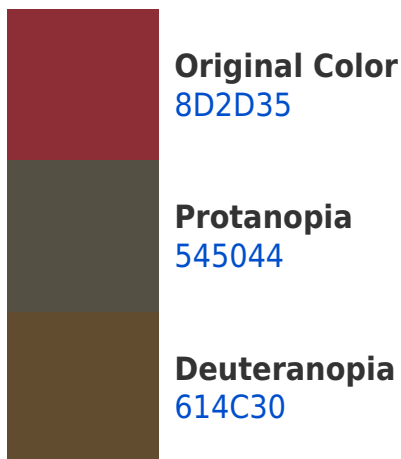


This preview shows how white text looks on a background with the Hex color 8D2D35.

# 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**  
8D2E30

# Trichromacy



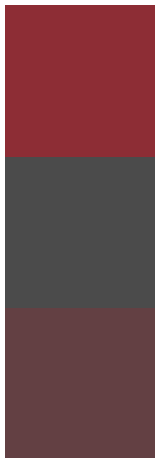
**Original Color**  
8D2D35

**Protanomaly**  
69433F

**Deuteranomaly**  
714132

**Tritanomaly**  
8D2E32

# Monochromacy



**Original Color**  
8D2D35

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
634043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D2D35 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 #8D2D35 looks like.

```
.text, #text, p{  
  color:#8D2D35  
}
```

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 #8D2D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D2D35
}
```

## Border

The CSS property to change the border of an element to Hex 8D2D35 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
#8D2D35 }
```

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

```
.border{ border-color:#8D2D35 }
```

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

Here you see how a box with a 4 pixel #8D2D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D2D35; -webkit-box-shadow:4px 4px  
4px 4px #8D2D35; box-shadow:4px 4px 4px  
4px #8D2D35 }
```

# Background

The CSS property to change the background color of an element to Hex 8D2D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D2D35 }
```

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

```
.background{ background-color:#8D2D35 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor