

# Converting Colors

Hex(8D141A)

Have a look what the booklet for  
Hex(8D141A) contains.

<b>Hex(8D141A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8D141A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D141A
RGB	141, 20, 26
RGB Percent	55%, 8%, 10%
CMY	0.4471, 0.9216, 0.8980
CMYK	0.00, 0.86, 0.82, 0.45
HSL	357°, 75%, 32%
HSV	357°, 86%, 55%
XYZ	11.4211, 6.2376, 1.5793
YIQ	56.8630, 70.1900, 27.5180

# Conversions

## Conversions Part 2

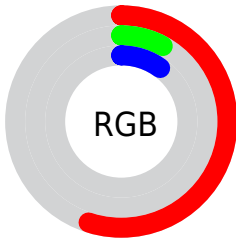
Format	Color
R <sub>Y</sub> B	141, 20, 26
Decimal	9245722
CIE Lab	30.00, 48.44, 30.54
CIE LCh	30, 57.264, 32.233
Yxy	6.2376, 0.5937, 0.3242
Android (android.graphics.Color)	4287435802 (0xFF8D141A)
YUV	56.8630, -15.2155, 73.7881
Hunter-Lab	24.9752, 37.9211, 13.7335

# Details

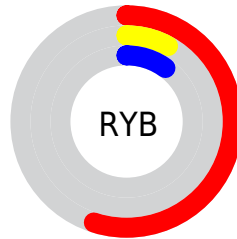
The Hex color **8D141A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **148D87**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **C94E46**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8D060D**, and if you desaturate by 10%, it is **8D2227**.

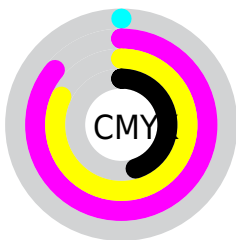
# Distribution



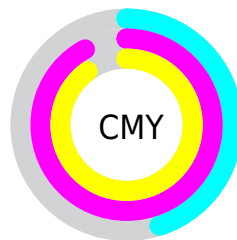
- Red (55%)
- Green (8%)
- Blue (10%)



- Red (55%)
- Yellow (8%)
- Blue (10%)



- Cyan (0%)
- Magenta (86%)
- Yellow (82%)
- Black (45%)



- Cyan (45%)
- Magenta (92%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D141A 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 8D141A by changing the saturation by 10% instead.



 8D141A

 8D141A

FFFFFF

 700001

 C94E46

 520000

 E8695E

 380002

 FF8477

 0E0000

 FFA090

 000000

 FFBCAB

 FFD8C6

 FFF5E2

 8D141A

 8D141A

■ 8D060D

■ 8D2227

■ 8D0007

■ 8D3035

■ 8D3E42

■ 8D4C50

■ 8D5B5D

■ 8D696A

■ 8D7778

■ 8D8585

■ 8D9393

# Harmonies

## Analogous

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



910045



8D141A



773300

# Triad

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



8D141A



005619



004CA1

# Complementary

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



8D141A



148D87

# 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.



005696



8D141A



005949

# Square

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



8D141A



265100



005975



443993

# Rectangle

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



8D141A



614100



005975



0050A0



# Sweetspot

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



8D141A



B8888A



87148D



5C3F41



DBDBDB



5C5C5C



# Same Dimension

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



8D141A



B80009



8D4A14



474041



870007



080000



# Inverse Universe

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



8D141A



B80009



14578D



474041



870007



080000



# Previews

## White Background



This preview shows how the Hex color 8D141A looks on a white background.

## Color Contrast Check

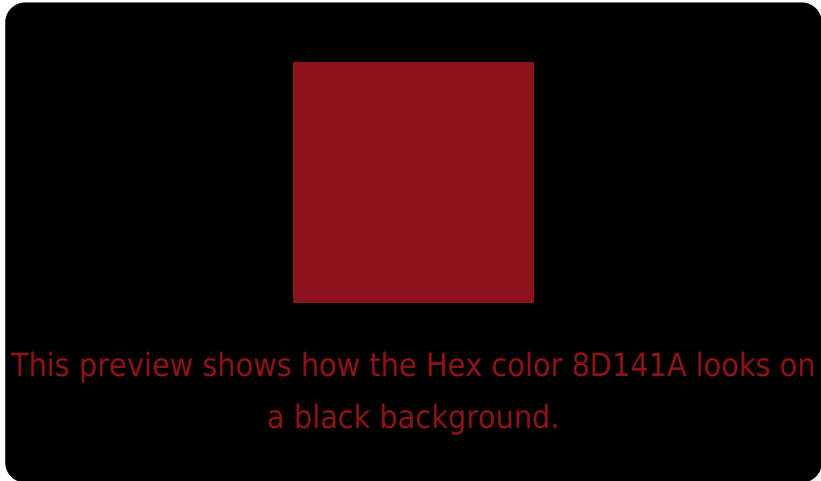
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D141A Background



This preview shows how black text looks on a background with the Hex color 8D141A.



This preview shows how white text looks on a background with the Hex color 8D141A.

# 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**  
8D141A

**Protanopia**  
504927

**Deuteranopia**  
5C450E



**Tritanopia**  
8D1513

# Trichromacy



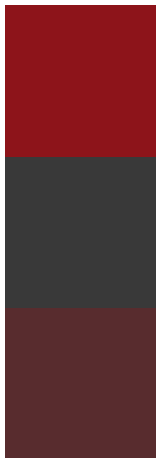
**Original Color**  
8D141A

**Protanomaly**  
663622

**Deuteranomaly**  
6E3312

**Tritanomaly**  
8D1516

# Monochromacy



**Original Color**  
8D141A

**Achromatopsia**  
393939

**Achromatomaly**  
582C2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D141A 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 #8D141A looks like.

```
.text, #text, p{  
    color:#8D141A  
}
```

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 #8D141A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D141A
}
```

## Border

The CSS property to change the border of an element to Hex 8D141A 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".

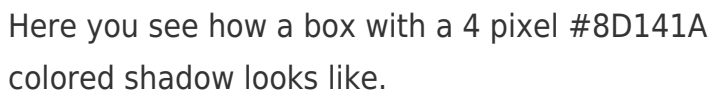
```
.border, #border, table{ border:4px solid
#8D141A }
```

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

```
.border{ border-color:#8D141A }
```

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

Here you see how a box with a 4 pixel #8D141A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #8D141A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D141A; -webkit-box-shadow:4px 4px  
4px 4px #8D141A; box-shadow:4px 4px 4px  
4px #8D141A }
```

# Background

The CSS property to change the background color of an element to Hex 8D141A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D141A }
```

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

```
.background{ background-color:#8D141A }
```

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