

# Converting Colors

Hex(96201D)

Have a look what the booklet for  
Hex(96201D) contains.

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# Color

**Hex(96201D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96201D
RGB	150, 32, 29
RGB Percent	59%, 13%, 11%
CMY	0.4118, 0.8745, 0.8863
CMYK	0.00, 0.79, 0.81, 0.41
HSL	1°, 68%, 35%
HSV	1°, 81%, 59%
XYZ	13.3160, 7.6058, 1.9286
YIQ	66.9400, 71.2910, 24.0830

# Conversions

## Conversions Part 2

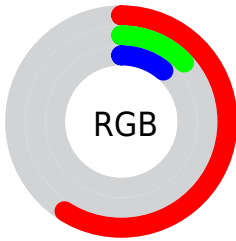
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 32, 29
Decimal	9838621
CIE Lab	33.15, 47.84, 32.60
CIE LCh	33, 57.894, 34.274
Yxy	7.6058, 0.5827, 0.3329
Android (android.graphics.Color)	4288028701 (0xFF96201D)
YUV	66.9400, -18.7044, 72.8436
Hunter-Lab	27.5785, 37.9241, 15.1587

# Details

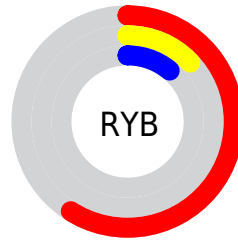
The Hex color **96201D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1D9396**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **D3574A**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **96110E**, and if you desaturate by 10%, it is **962F2C**.

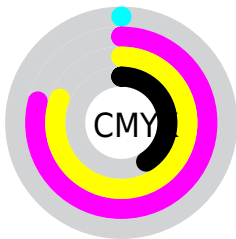
# Distribution



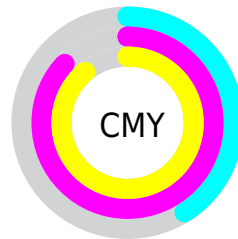
- Red (59%)
- Green (13%)
- Blue (11%)



- Red (59%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (79%)
- Yellow (81%)
- Black (41%)



- Cyan (41%)
- Magenta (87%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96201D 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 96201D by changing the saturation by 10% instead.



 96201D

 96201D

FFFFFF

 780006

 D3574A

 5B0000

 F27262

 3F0001

 FF8D7B

 200001

 FFA995

 000000

 FFC5AF

 FFE2CB

 FFFFE7

 96201D

 96201D

■ 96110E

■ 962F2C

■ 960400

■ 963D3B

■ 964C4A

■ 965B59

■ 966968

■ 967877

■ 968686

■ 969595

■ 96A4A4

# Harmonies

## Analogous

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



9C044A



96201D



7E3C00

# Triad

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



96201D



005F23



0052AB

# Complementary

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



96201D



1D9396

# 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.



005DA1



96201D



006154

# Square

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



96201D



295900



006181



523E9B

# Rectangle

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



96201D



684900



006181



0057AA



# Sweetspot

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



96201D



C29493



961D94



614545



E0E0E0



616161



# Same Dimension

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



96201D



C20A06



965C1D



4A4343



8A0300



0A0000



# Inverse Universe

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



1D9396



06BDC2



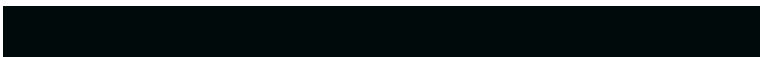
1D5796



434A4A



00868A



000A0A



# Previews

## White Background



This preview shows how the Hex color 96201D looks on a white background.

## Color Contrast Check

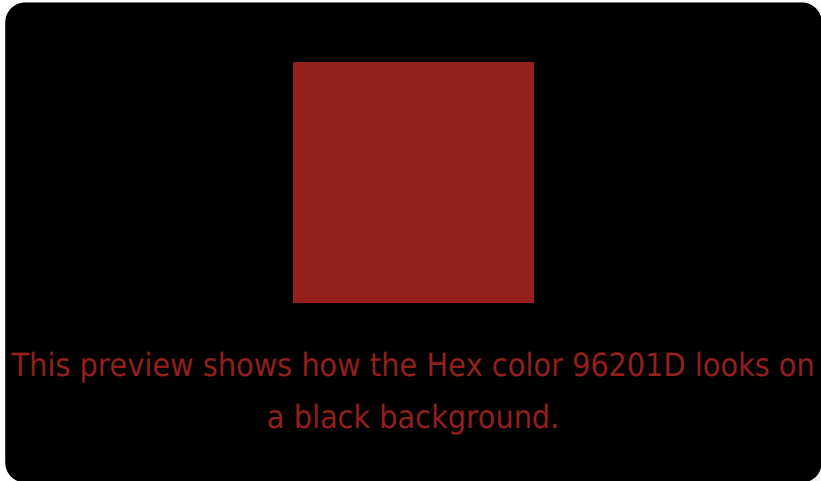
Large Text (above 18pt) WCAG AA ✓ Pass

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 96201D Background



This preview shows how black text looks on a background with the Hex color 96201D.

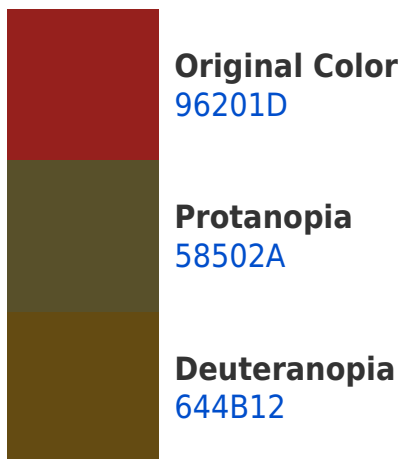


This preview shows how white text looks on a background with the Hex color 96201D.

# 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





# Trichromacy



**Original Color**  
96201D

**Protanomaly**  
6F3F25

**Deuteranomaly**  
763B16

**Tritanomaly**  
96201F

# Monochromacy



**Original Color**  
96201D

**Achromatopsia**  
434343

**Achromatomaly**  
613635

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96201D 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 #96201D looks like.

```
.text, #text, p{  
    color:#96201D  
}
```

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 #96201D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96201D
}
```

## Border

The CSS property to change the border of an element to Hex 96201D is called "border". The border property can be set on classes, ids or directly on the HTML element.

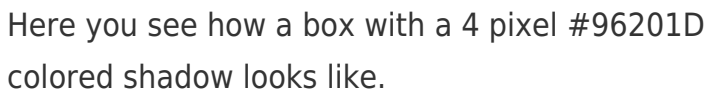
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96201D }
```

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

```
.border{ border-color:#96201D }
```

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



Here you see how a box with a 4 pixel #96201D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96201D; -webkit-box-shadow:4px 4px  
4px 4px #96201D; box-shadow:4px 4px 4px  
4px #96201D }
```

# Background

The CSS property to change the background color of an element to Hex 96201D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96201D }
```

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

```
.background{ background-color:#96201D }
```

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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