

# Converting Colors

Hex(95201B)

Have a look what the booklet for  
Hex(95201B) contains.

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**Color**

**Hex(95201B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95201B
RGB	149, 32, 27
RGB Percent	58%, 13%, 11%
CMY	0.4157, 0.8745, 0.8941
CMYK	0.00, 0.79, 0.82, 0.42
HSL	2°, 69%, 35%
HSV	2°, 82%, 58%
XYZ	13.1088, 7.5017, 1.7940
YIQ	66.4130, 71.3370, 23.2490

# Conversions

## Conversions Part 2

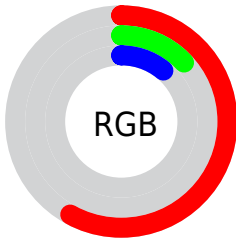
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 32, 27</a>
Decimal	<a href="#">9773083</a>
CIELab	<a href="#">32.92, 47.46, 33.46</a>
CIElCh	<a href="#">33, 58.066, 35.184</a>
Yxy	<a href="#">7.5017, 0.5851, 0.3348</a>
Android (android.graphics.Color)	<a href="#">4287963163 (0xFF95201B)</a>
YUV	<a href="#">66.4130, -19.4306, 72.4288</a>
Hunter-Lab	<a href="#">27.3893, 37.5006, 15.2890</a>

# Details

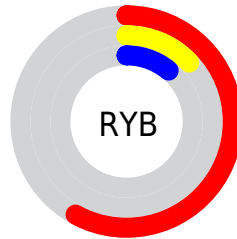
The Hex color **95201B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1B9095**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **D25748**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **95120C**, and if you desaturate by 10%, it is **952E2A**.

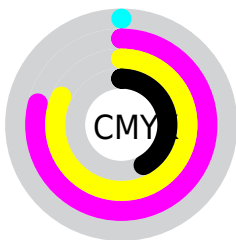
# Distribution



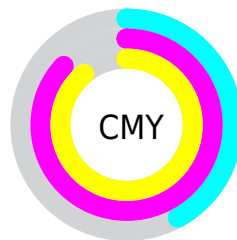
- Red (58%)
- Green (13%)
- Blue (11%)



- Red (58%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (79%)
- Yellow (82%)
- Black (42%)



- Cyan (42%)
- Magenta (87%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95201B 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 95201B by changing the saturation by 10% instead.



 95201B

 95201B

FFFFFF

 770003

 D25748

 5A0000

 F17260

 3E0001

 FF8D79

 1F0001

 FFA892

 000000

 FFC5AD

 FFE1C9

 FFFF E5

 95201B

 95201B

■ 95120C

■ 952E2A

■ 950600

■ 953D39

■ 954B48

■ 955957

■ 956765

■ 957674

■ 958483

■ 959292

■ 95A1A1

# Harmonies

## Analogous

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



9B0248



95201B



7D3C00

# Triad

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



95201B



005E24



0051AA

# Complementary

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



95201B



1B9095

# 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.



005CA1



95201B



006154

# Square

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



95201B



265900



006082



543D99

# Rectangle

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



95201B



664900



006082



0056AA



# Sweetspot

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



95201B



C29391



951B91



614544



E0E0E0



616161



# Same Dimension

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



95201B



C20C04



955C1B



4A4343



8A0600



0A0000



# Inverse Universe

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



1B9095



04BAC2



1B5495



434A4A



00848A



000A0A



# Previews

## White Background



This preview shows how the Hex color 95201B 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 95201B Background



This preview shows how black text looks on a background with the Hex color 95201B.



This preview shows how white text looks on a background with the Hex color 95201B.

# 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**  
95201B

**Protanopia**  
574F27

**Deuteranopia**  
644B0F



# Trichromacy



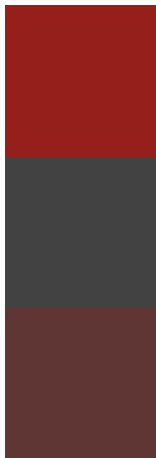
**Original Color**  
95201B

**Protanomaly**  
6E3E23

**Deuteranomaly**  
763B13

**Tritanomaly**  
951F1E

# Monochromacy



**Original Color**  
95201B

**Achromatopsia**  
424242

**Achromatomaly**  
603634

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95201B 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 #95201B looks like.

```
.text, #text, p{  
    color:#95201B  
}
```

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 #95201B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95201B
}
```

## Border

The CSS property to change the border of an element to Hex 95201B is called "border". The border property can be set on classes, ids or directly on the HTML element.

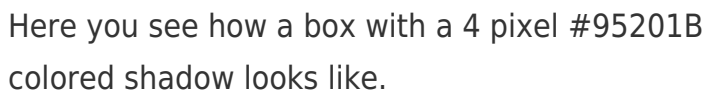
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#95201B }
```

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

```
.border{ border-color:#95201B }
```

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



Here you see how a box with a 4 pixel #95201B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95201B; -webkit-box-shadow:4px 4px  
4px 4px #95201B; box-shadow:4px 4px 4px  
4px #95201B }
```

# Background

The CSS property to change the background color of an element to Hex 95201B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95201B }
```

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

```
.background{ background-color:#95201B }
```

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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