

# Converting Colors

Hex(55091C)

Have a look what the booklet for  
Hex(55091C) contains.

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# Color

Hex(55091C)

# Conversions

## Conversions Part 1

Format	Color
Hex	55091C
RGB	85, 9, 28
RGB Percent	33%, 4%, 11%
CMY	0.6667, 0.9647, 0.8902
CMYK	0.00, 0.89, 0.67, 0.67
HSL	345°, 81%, 18%
HSV	345°, 89%, 33%
XYZ	4.0536, 2.2105, 1.3116
YIQ	33.8900, 39.1970, 22.0210

# Conversions

## Conversions Part 2

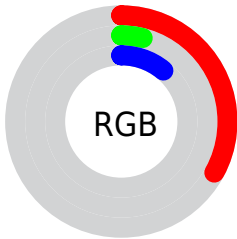
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 9, 28
Decimal	5572892
CIELab	16.56, 34.37, 10.28
CIELCh	17, 35.872, 16.657
Yxy	2.2105, 0.5351, 0.2918
Android (android.graphics.Color)	4283762972 (0xFF55091C)
YUV	33.8900, -2.9038, 44.8235
Hunter-Lab	14.8678, 22.6482, 5.1769

# Details

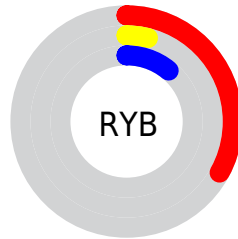
The Hex color **55091C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **095542**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **8B3D47**, and **210001** is the 20% darker color. If you saturate the color by 10%, you get **550016**, and if you desaturate by 10%, it is **551122**.

# Distribution



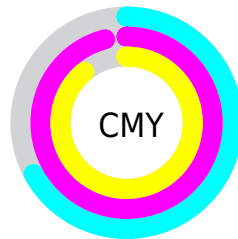
- Red (33%)
- Green (4%)
- Blue (11%)



- Red (33%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (89%)
- Yellow (67%)
- Black (67%)



- Cyan (67%)
- Magenta (96%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55091C 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 55091C by changing the saturation by 10% instead.



 55091C

 55091C

 FFF9FF

 3C0001

 8B3D47

 210001

 A7565F

 000000

 C46F77

 E18991

 FFA4AB

 FFC0C7

 FFDCE3

 55091C

 55091C

■ 550016

■ 551122

■ 550015

■ 551A29

■ 55222F

■ 552B35

■ 55333C

■ 553C42

■ 554449

■ 554D4F

■ 555555

# Harmonies

## Analogous

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



500B35



55091C



4E1700

# Triad

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



55091C



053100



002F5B

# Complementary

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



55091C



095542

# 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.



00334E



55091C



00331C

# Square

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



55091C



272C00



003437



00275B

# Rectangle

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



55091C



432000



003437



003158



# Sweetspot

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



55091C



6E5057



420955



38262B



B8B8B8



383838



# Same Dimension

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



55091C



6E001B



551C09



2B2728



6B001B



EB003B



# Inverse Universe

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



55091C



6E001B



094255



2B2728



6B001B

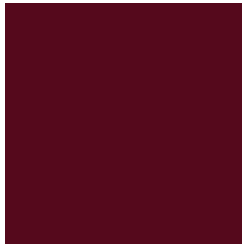


EB003B



# Previews

## White Background



This preview shows how the Hex color 55091C looks on a white background.

## Color Contrast Check

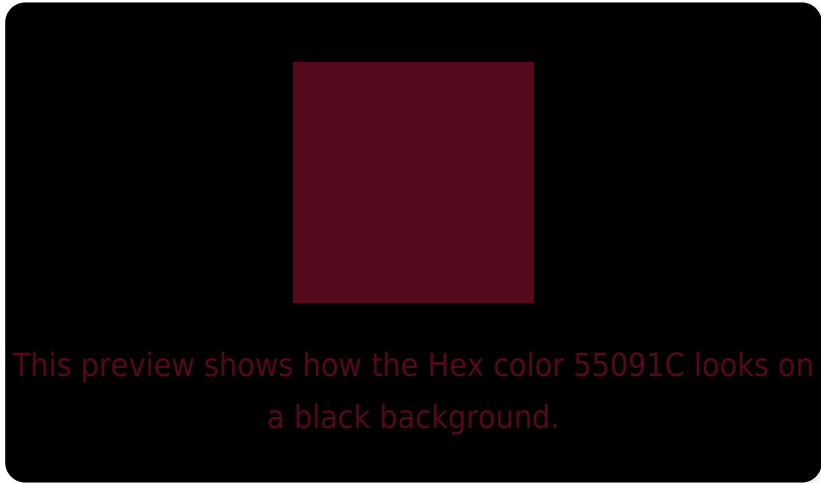
Large Text (above 18pt) WCAG AA ✓ Pass

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

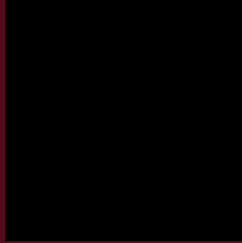
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55091C Background



This preview shows how black text looks on a background with the Hex color 55091C.



This preview shows how white text looks on a background with the Hex color 55091C.

# 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**  
55091C

**Protanopia**  
2D2C29

**Deuteranopia**  
362A18



**Tritanopia**  
550E0D

# Trichromacy



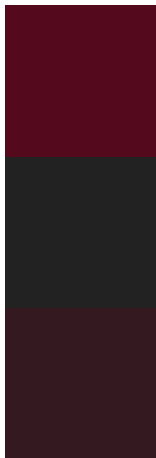
**Original Color**  
55091C

**Protanomaly**  
3C1F24

**Deuteranomaly**  
411E19

**Tritanomaly**  
550C12

# Monochromacy



**Original Color**  
55091C

**Achromatopsia**  
222222

**Achromatomaly**  
351920

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55091C 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 #55091C looks like.

```
.text, #text, p{  
    color:#55091C  
}
```

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 #55091C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55091C }  
}
```

## Border

The CSS property to change the border of an element to Hex 55091C 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".

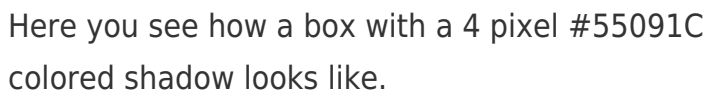
```
.border, #border, table{ border:4px solid #55091C }  
}
```

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

```
.border{ border-color:#55091C }
```

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

Here you see how a box with a 4 pixel #55091C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55091C; -webkit-box-shadow:4px 4px  
4px 4px #55091C; box-shadow:4px 4px 4px  
4px #55091C }
```

# Background

The CSS property to change the background color of an element to Hex 55091C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55091C }
```

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

```
.background{ background-color:#55091C }
```

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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