

# Converting Colors

Hex(55021B)

Have a look what the booklet for  
Hex(55021B) contains.

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**Color**

**Hex(55021B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55021B
RGB	85, 2, 27
RGB Percent	33%, 1%, 11%
CMY	0.6667, 0.9922, 0.8941
CMYK	0.00, 0.98, 0.68, 0.67
HSL	342°, 95%, 17%
HSV	342°, 98%, 33%
XYZ	3.9659, 2.0538, 1.2243
YIQ	29.6670, 41.4430, 25.3710

# Conversions

## Conversions Part 2

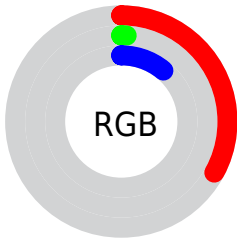
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 2, 27
Decimal	5571099
CIE Lab	15.77, 36.49, 9.96
CIE LCh	16, 37.829, 15.273
Yxy	2.0538, 0.5475, 0.2835
Android (android.graphics.Color)	4283761179 (0xFF55021B)
YUV	29.6670, -1.3148, 48.5270
Hunter-Lab	14.3312, 24.3162, 4.9667

# Details

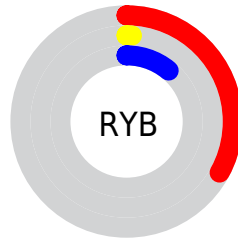
The Hex color **55021B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **02553C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **8C3946**, and **200001** is the 20% darker color. If you saturate the color by 10%, you get **55001A**, and if you desaturate by 10%, it is **550B21**.

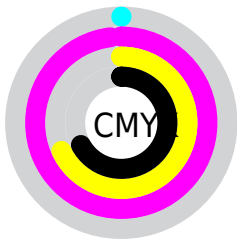
# Distribution



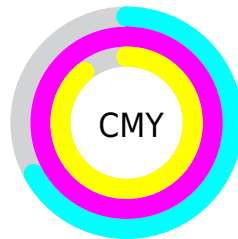
- Red (33%)
- Green (1%)
- Blue (11%)



- Red (33%)
- Yellow (1%)
- Blue (11%)



- Cyan (0%)
- Magenta (98%)
- Yellow (68%)
- Black (67%)



- Cyan (67%)
- Magenta (99%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55021B 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 55021B by changing the saturation by 10% instead.



 55021B

 55021B

 FFF5FE

 3C0000

 8C3946

 200001

 A8525D

 000000

 C56B76

 E28590

 FFA0AA

 FFBC5

 FFD8E1

 55021B

 55021B

■ 55001A

■ 550B21

■ 551327

■ 551C2D

■ 552433

■ 552D39

■ 55353F

■ 553E45

■ 55464B

■ 554E50

# Harmonies

## Analogous

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



4F0536



55021B



4E1300

# Triad

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



55021B



042F00



002E5C

# Complementary

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



55021B



02553C

# 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.



00324D



55021B



003219

# Square

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



55021B



252A00



003335



00265C

# Rectangle

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



55021B



431D00



003335



003058



# Sweetspot

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



55021B



6E4E57



3B0255



38242A



B8B8B8



383838



# Same Dimension

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



55021B



6E0021



551102



2B2728



6B0020



EB0047



# Inverse Universe

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



55021B



6E0021



024655



2B2728



6B0020

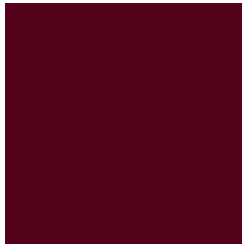


EB0047



# Previews

## White Background



This preview shows how the Hex color 55021B 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

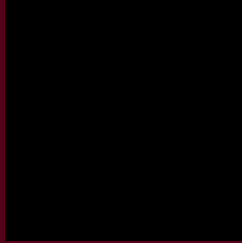
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 55021B Background



This preview shows how black text looks on a background with the Hex color 55021B.



This preview shows how white text looks on a background with the Hex color 55021B.

# 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**  
55021B

**Protanopia**  
2D2B28

**Deuteranopia**  
352917



**Tritanopia**  
550B09

# Trichromacy



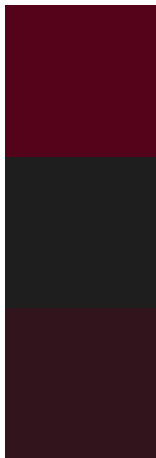
**Original Color**  
55021B

**Protanomaly**  
3C1C23

**Deuteranomaly**  
411B18

**Tritanomaly**  
550810

# Monochromacy



**Original Color**  
55021B

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
32141D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55021B 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 #55021B looks like.

```
.text, #text, p{  
    color:#55021B  
}
```

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 #55021B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55021B
}
```

## Border

The CSS property to change the border of an element to Hex 55021B 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".

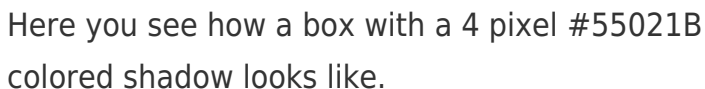
```
.border, #border, table{ border:4px solid
#55021B }
```

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

```
.border{ border-color:#55021B }
```

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

Here you see how a box with a 4 pixel #55021B 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 #55021B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55021B; -webkit-box-shadow:4px 4px  
4px 4px #55021B; box-shadow:4px 4px 4px  
4px #55021B }
```

# Background

The CSS property to change the background color of an element to Hex 55021B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55021B }
```

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

```
.background{ background-color:#55021B }
```

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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