

Converting Colors

Hex(5B021E)

Have a look what the booklet for
Hex(5B021E) contains.

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Color

Hex(5B021E)

Conversions

Conversions Part 1

Format	Color
Hex	5B021E
RGB	91, 2, 30
RGB Percent	36%, 1%, 12%
CMY	0.6431, 0.9922, 0.8824
CMYK	0.00, 0.98, 0.67, 0.64
HSL	341°, 96%, 18%
HSV	341°, 98%, 36%
XYZ	4.5704, 2.3613, 1.4432
YIQ	31.8030, 44.0560, 27.5760

Conversions

Conversions Part 2

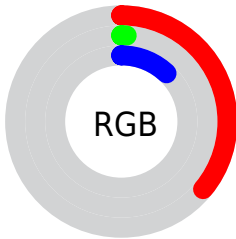
Format	Color
RYB	91, 2, 30
Decimal	5964318
CIELab	17.28, 38.38, 10.05
CIELCh	17, 39.668, 14.671
Yxy	2.3613, 0.5457, 0.2819
Android (android.graphics.Color)	4284154398 (0xFF5B021E)
YUV	31.8030, -0.8889, 51.9158
Hunter-Lab	15.3665, 26.1995, 5.1882

Details

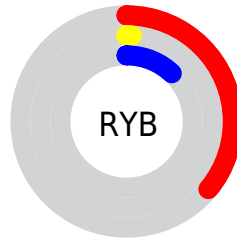
The Hex color **5B021E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **025B3F**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **923A49**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5B001D**, and if you desaturate by 10%, it is **5B0B24**.

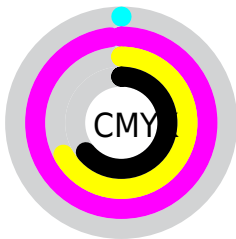
Distribution



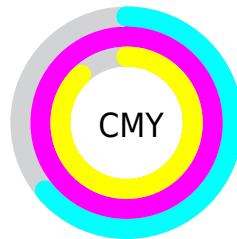
- Red (36%)
- Green (1%)
- Blue (12%)



- Red (36%)
- Yellow (1%)
- Blue (12%)



- Cyan (0%)
- Magenta (98%)
- Yellow (67%)
- Black (64%)



- Cyan (64%)
- Magenta (99%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B021E 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 5B021E by changing the saturation by 10% instead.

 5B021E

 5B021E

 FFF8FF

 410004

 923A49

 280001

 AF5461

 000000

 CC6D7A

 E98893

 FFA3AE

 FFBE C9

 FFD B E5

 5B021E

 5B021E

■ 5B001D

■ 5B0B24

■ 5B142A

■ 5B1D31

■ 5B2637

■ 5B303D

■ 5B3943

■ 5B424A

■ 5B4B50

■ 5B5456

Harmonies

Analogous

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



55063A



5B021E



541400

Triad

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



5B021E



043300



003262

Complementary

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



5B021E



025B3F

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.



003652



5B021E



00361A

Square

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



5B021E



292E00



003638



002962

Rectangle

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



5B021E



481F00



003638



00345E

Sweetspot

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



5B021E



75535E



3F025B



3B262D



BABABA



3B3B3B

Same Dimension

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



5B021E



750025



5B1202



2E292B



6E0022



ED004B

Inverse Universe

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



5B021E



750025



024B5B



2E292B



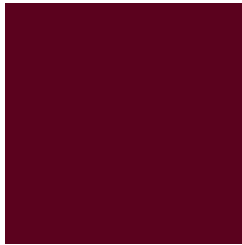
6E0022



ED004B

Previews

White Background



This preview shows how the Hex color 5B021E 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 5B021E Background



This preview shows how black text looks on a background with the Hex color 5B021E.



This preview shows how white text looks on a background with the Hex color 5B021E.

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
5B021E

Protanopia
302E2C

Deuteranopia
392C1A

Trichromacy



Original Color
5B021E

Protanomaly
401E27

Deuteranomaly
451D1B

Tritanomaly
5A0812

Monochromacy



Original Color
5B021E

Achromatopsia
202020

Achromatomaly
35151F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B021E 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 #5B021E looks like.

```
.text, #text, p{  
    color:#5B021E  
}
```

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 #5B021E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B021E
}
```

Border

The CSS property to change the border of an element to Hex 5B021E is called "border". The border property can be set on classes, ids or directly on the HTML element.

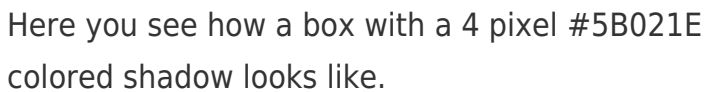
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B021E }
```

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

```
.border{ border-color:#5B021E }
```

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



Here you see how a box with a 4 pixel #5B021E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B021E; -webkit-box-shadow:4px 4px  
4px 4px #5B021E; box-shadow:4px 4px 4px  
4px #5B021E }
```

Background

The CSS property to change the background color of an element to Hex 5B021E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B021E }
```

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

```
.background{ background-color:#5B021E }
```

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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