

Converting Colors

Hex(5D1B3C)

Have a look what the booklet for
Hex(5D1B3C) contains.

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Color

Hex(5D1B3C)

Conversions

Conversions Part 1

Format	Color
Hex	5D1B3C
RGB	93, 27, 60
RGB Percent	36%, 11%, 24%
CMY	0.6353, 0.8941, 0.7647
CMYK	0.00, 0.71, 0.35, 0.64
HSL	330°, 55%, 24%
HSV	330°, 71%, 36%
XYZ	5.7217, 3.4373, 4.6369
YIQ	50.4960, 28.7430, 24.2550

Conversions

Conversions Part 2

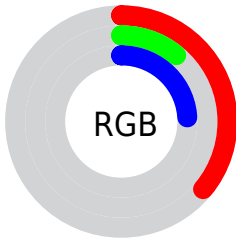
Format	Color
RYB	93, 27, 60
Decimal	6101820
CIELab	21.72, 33.39, -4.81
CIELCh	22, 33.735, 351.796
Yxy	3.4373, 0.4147, 0.2492
Android (android.graphics.Color)	4284291900 (0xFF5D1B3C)
YUV	50.4960, 4.6855, 37.2760
Hunter-Lab	18.5399, 22.6436, -1.8506

Details

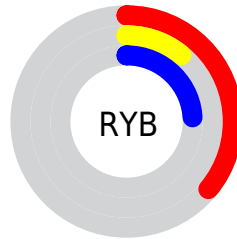
The Hex color **5D1B3C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B5D3C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **924C6B**, and **2E0012** is the 20% darker color. If you saturate the color by 10%, you get **5D1237**, and if you desaturate by 10%, it is **5D2441**.

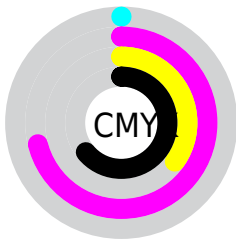
Distribution



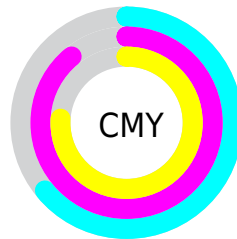
- Red (36%)
- Green (11%)
- Blue (24%)



- Red (36%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (71%)
- Yellow (35%)
- Black (64%)



- Cyan (64%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D1B3C 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 5D1B3C by changing the saturation by 10% instead.

 5D1B3C

 5D1B3C

FFFFFF

 440026

 924C6B

 2E0012

 AD6584

 000000

 CA7F9F

 E699B9

 FFB4D5

 FFD0F2

 FFEDFF

 5D1B3C

 5D1B3C

■ 5D1237

■ 5D2441

■ 5D0833

■ 5D2E45

■ 5D002F

■ 5D374A

■ 5D404F

■ 5D4A53

■ 5D5358

■ 5D5C5D

■ 5D6561

■ 5D6F66

Harmonies

Analogous

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



4B2553



5D1B3C



601C23

Triad

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



5D1B3C



2F3800



003E5B

Complementary

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



5D1B3C



1B5D3C

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.



003F46



5D1B3C



0B3D13

Square

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



5D1B3C



463000



003F2C



003966

Rectangle

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



5D1B3C



5B2214



003F2C



003F55

Sweetspot

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



5D1B3C



785F6B



3C1B5D



3D2E36



BDBDBD



3D3D3D

Same Dimension

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



5D1B3C



781245



5D1B1B



2E292C



6E0037



ED0077

Inverse Universe

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



5D1B3C



781245



1B5D5D



2E292C



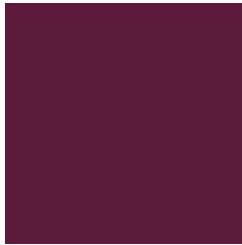
6E0037



ED0077

Previews

White Background



This preview shows how the Hex color 5D1B3C looks on a white background.

Color Contrast Check

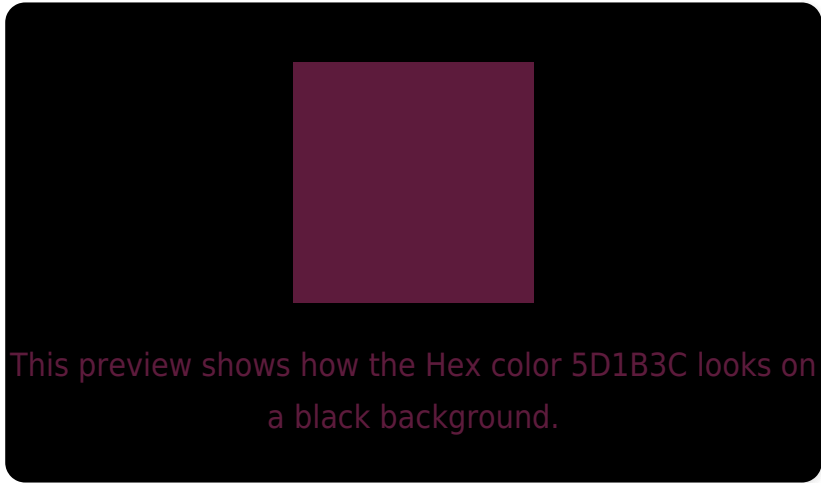
Large Text (above 18pt) WCAG AA ✓ Pass

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

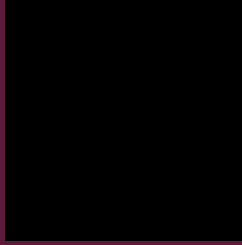
Any Text WCAG AA × Fail

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 5D1B3C Background



This preview shows how black text looks on a background with the Hex color 5D1B3C.



This preview shows how white text looks on a background with the Hex color 5D1B3C.

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
5D1B3C

Protanopia
2E354D

Deuteranopia
393439



Tritanopia
5B2123

Trichromacy



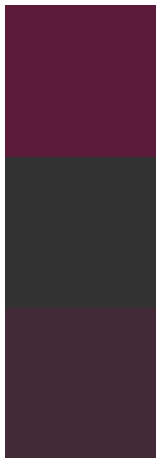
Original Color
5D1B3C

Protanomaly
3F2C47

Deuteranomaly
462B3A

Tritanomaly
5C1F2C

Monochromacy



Original Color
5D1B3C

Achromatopsia
323232

Achromatomaly
422A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D1B3C 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 #5D1B3C looks like.

```
.text, #text, p{  
    color:#5D1B3C  
}
```

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 #5D1B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D1B3C  
}
```

Border

The CSS property to change the border of an element to Hex 5D1B3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

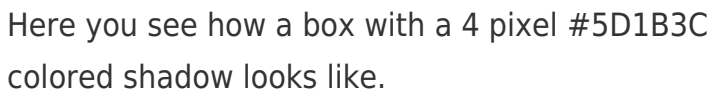
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5D1B3C }
```

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

```
.border{ border-color:#5D1B3C }
```

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



Here you see how a box with a 4 pixel #5D1B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D1B3C; -webkit-box-shadow:4px 4px  
4px 4px #5D1B3C; box-shadow:4px 4px 4px  
4px #5D1B3C }
```

Background

The CSS property to change the background color of an element to Hex 5D1B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D1B3C }
```

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

```
.background{ background-color:#5D1B3C }
```

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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