

Converting Colors

Hex(5A1D2D)

Have a look what the booklet for
Hex(5A1D2D) contains.

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Color

Hex(5A1D2D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 5A1D2D |
| RGB | 90, 29, 45 |
| RGB Percent | 35%, 11%, 18% |
| CMY | 0.6471, 0.8863, 0.8235 |
| CMYK | 0.00, 0.68, 0.50, 0.65 |
| HSL | 344°, 51%, 23% |
| HSV | 344°, 68%, 35% |
| XYZ | 5.1295, 3.2419, 2.8380 |
| YIQ | 49.0630, 31.2200, 17.9080 |

Conversions

Conversions Part 2

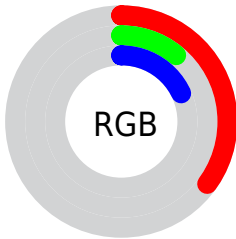
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 90, 29, 45 |
| Decimal | 5905709 |
| CIELab | 20.99, 29.52, 4.47 |
| CIElCh | 21, 29.858, 8.615 |
| Yxy | 3.2419, 0.4576, 0.2892 |
| Android (android.graphics.Color) | 4284095789 (0xFF5A1D2D) |
| YUV | 49.0630, -2.0031, 35.9017 |
| Hunter-Lab | 18.0051, 19.3437, 3.2582 |

Details

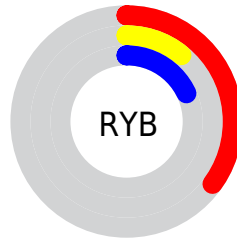
The Hex color **5A1D2D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1D5A4A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **8F4D5A**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5A1426**, and if you desaturate by 10%, it is **5A2634**.

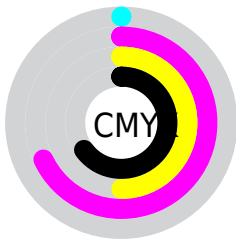
Distribution



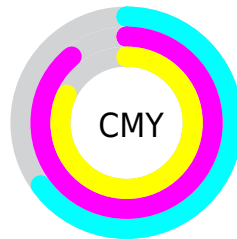
- Red (35%)
- Green (11%)
- Blue (18%)



- Red (35%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (68%)
- Yellow (50%)
- Black (65%)



- Cyan (65%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1D2D 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 5A1D2D by changing the saturation by 10% instead.

 5A1D2D

 5A1D2D

FFFFFF

 400419

 8F4D5A

 2C0001

 AB6573

 000000

 C77F8C

 E49AA7

 FF5C2

 FFD1DE

 FFEDFA

 5A1D2D

 5A1D2D

■ 5A1426

■ 5A2634

■ 5A0B20

■ 5A2F3A

■ 5A0219

■ 5A3841

■ 5A0018

■ 5A4148

■ 5A4A4E

■ 5A5355

■ 5A5C5B

■ 5A6562

■ 5A6E69

Harmonies

Analogous

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



522043



5A1D2D



572218

Triad

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



5A1D2D



20390D



00395B

Complementary

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



5A1D2D



1D5A4A

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.



003C4D



5A1D2D



003C22

Square

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



5A1D2D



383300



003D38



0C335E

Rectangle

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



5A1D2D



4F280C



003D38



003A58

Sweetspot

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



5A1D2D



755E64



4A1D5A



3B2D30



BABABA



3B3B3B

Same Dimension

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



5A1D2D



75162F



5A2B1D



2E292B



6E001D



ED003E

Inverse Universe

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



5A1D2D



75162F



1D4C5A



2E292B



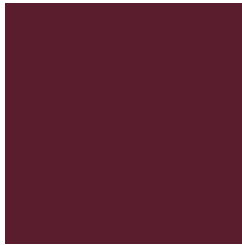
6E001D



ED003E

Previews

White Background



This preview shows how the Hex color 5A1D2D looks on a white background.

Color Contrast Check

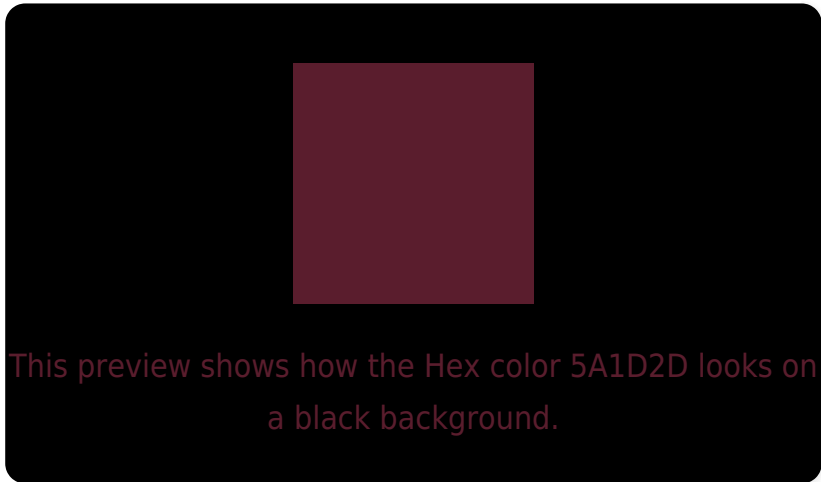
Large Text (above 18pt) WCAG AA ✓ Pass

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

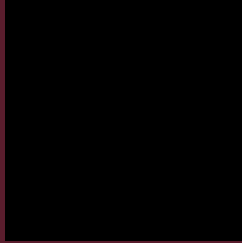
Any Text WCAG AA × Fail

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 5A1D2D Background



This preview shows how black text looks on a background with the Hex color 5A1D2D.



This preview shows how white text looks on a background with the Hex color 5A1D2D.

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
5A1D2D

Protanopia
333339

Deuteranopia
3C322A



Tritanopia
591F21

Trichromacy



Original Color
5A1D2D

Protanomaly
412B35

Deuteranomaly
472A2B

Tritanomaly
591E25

Monochromacy



Original Color
5A1D2D

Achromatopsia
313131

Achromatomaly
402A30

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1D2D 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 #5A1D2D looks like.

```
.text, #text, p{  
    color:#5A1D2D  
}
```

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 #5A1D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1D2D
}
```

Border

The CSS property to change the border of an element to Hex 5A1D2D 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".

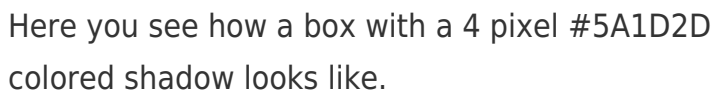
```
.border, #border, table{ border:4px solid
#5A1D2D }
```

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

```
.border{ border-color:#5A1D2D }
```

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

Here you see how a box with a 4 pixel #5A1D2D 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 #5A1D2D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1D2D; -webkit-box-shadow:4px 4px  
4px 4px #5A1D2D; box-shadow:4px 4px 4px  
4px #5A1D2D }
```

Background

The CSS property to change the background color of an element to Hex 5A1D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1D2D }
```

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

```
.background{ background-color:#5A1D2D }
```

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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