

Converting Colors

Hex(5A1D4A)

Have a look what the booklet for
Hex(5A1D4A) contains.

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Color

Hex(5A1D4A)

Conversions

Conversions Part 1

Format	Color
Hex	5A1D4A
RGB	90, 29, 74
RGB Percent	35%, 11%, 29%
CMY	0.6471, 0.8863, 0.7098
CMYK	0.00, 0.68, 0.18, 0.65
HSL	316°, 51%, 23%
HSV	316°, 68%, 35%
XYZ	5.8918, 3.5468, 6.8526
YIQ	52.3690, 21.9110, 26.9270

Conversions

Conversions Part 2

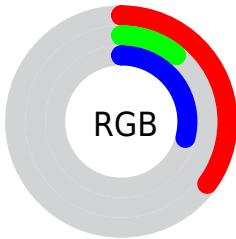
Format	Color
RYB	90, 29, 74
Decimal	5905738
CIELab	22.11, 33.60, -13.84
CIElCh	22, 36.343, 337.612
Yxy	3.5468, 0.3617, 0.2177
Android (android.graphics.Color)	4284095818 (0xFF5A1D4A)
YUV	52.3690, 10.6641, 33.0024
Hunter-Lab	18.8330, 22.8856, -8.3904

Details

The Hex color **5A1D4A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1D5A2D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **8E4E7B**, and **2B001E** is the 20% darker color. If you saturate the color by 10%, you get **5A1448**, and if you desaturate by 10%, it is **5A264C**.

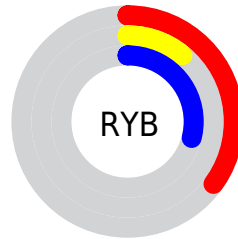
Distribution



Red (35%)

Green (11%)

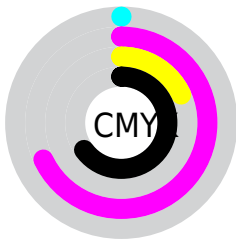
Blue (29%)



Red (35%)

Yellow (11%)

Blue (29%)

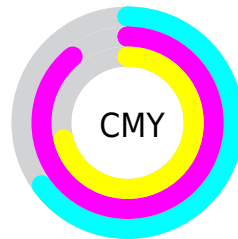


Cyan (0%)

Magenta (68%)

Yellow (18%)

Black (65%)



Cyan (65%)

Magenta (89%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1D4A 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 5A1D4A by changing the saturation by 10% instead.

 5A1D4A

 5A1D4A

FFFFFF

 410233

 8E4E7B

 2B001E

 A96795

 000001

 C580AF

 000000

 E29BCB

 FFB6E7

 FFD2FF

 FFEFFF

 5A1D4A

 5A1D4A

■ 5A1448

■ 5A264C

■ 5A0B45

■ 5A2F4F

■ 5A0243

■ 5A3851

■ 5A0042

■ 5A4153

■ 5A4A56

■ 5A5358

■ 5A5C5B

■ 5A655D

■ 5A6E5F

Harmonies

Analogous

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



3E2A60



5A1D4A



64172F

Triad

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



5A1D4A



3C3600



004055

Complementary

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



5A1D4A



1D5A2D

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.



00413B



5A1D4A



1E3C03

Square

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



5A1D4A



512C00



00401F



003D67

Rectangle

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



5A1D4A



631C1E



00401F



00414D

Sweetspot

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



5A1D4A



755E6F



2C1D5A



3B2D37



BABABA



3B3B3B

Same Dimension

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



5A1D4A



75165C



5A1D2C



2E292D



6E0051



ED00AF

Inverse Universe

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



5A1D4A



75165C



1D5A4B



2E292D



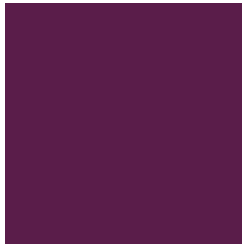
6E0051



ED00AF

Previews

White Background



This preview shows how the Hex color 5A1D4A looks on a white background.

Color Contrast Check

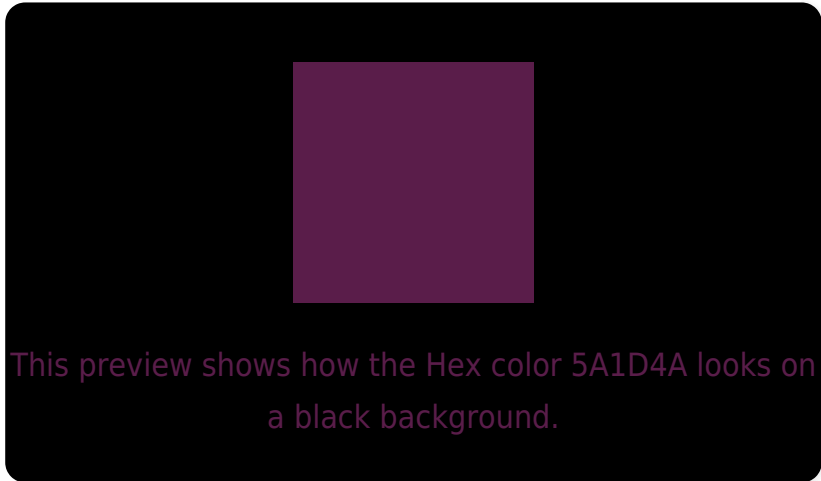
Large Text (above 18pt) WCAG AA ✓ Pass

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

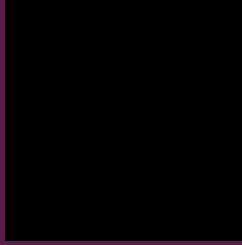
Any Text WCAG AA × Fail

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 5A1D4A Background



This preview shows how black text looks on a background with the Hex color 5A1D4A.



This preview shows how white text looks on a background with the Hex color 5A1D4A.

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
5A1D4A

Protanopia
24355D

Deuteranopia
333546



Tritanopia
572629

Trichromacy



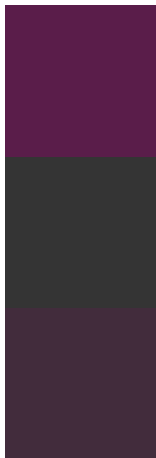
Original Color
5A1D4A

Protanomaly
382C56

Deuteranomaly
412C47

Tritanomaly
582335

Monochromacy



Original Color
5A1D4A

Achromatopsia
343434

Achromatomaly
422C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1D4A 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 #5A1D4A looks like.

```
.text, #text, p{  
    color:#5A1D4A  
}
```

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 #5A1D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1D4A
}
```

Border

The CSS property to change the border of an element to Hex 5A1D4A 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".

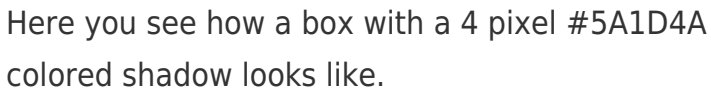
```
.border, #border, table{ border:4px solid
#5A1D4A }
```

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

```
.border{ border-color:#5A1D4A }
```

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

Here you see how a box with a 4 pixel #5A1D4A colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1D4A; -webkit-box-shadow:4px 4px  
4px 4px #5A1D4A; box-shadow:4px 4px 4px  
4px #5A1D4A }
```

Background

The CSS property to change the background color of an element to Hex 5A1D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1D4A }
```

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

```
.background{ background-color:#5A1D4A }
```

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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