

Converting Colors

Hex(5A1D45)

Have a look what the booklet for
Hex(5A1D45) contains.

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Color

Hex(5A1D45)

Conversions

Conversions Part 1

Format	Color
Hex	5A1D45
RGB	90, 29, 69
RGB Percent	35%, 11%, 27%
CMY	0.6471, 0.8863, 0.7294
CMYK	0.00, 0.68, 0.23, 0.65
HSL	321°, 51%, 23%
HSV	321°, 68%, 35%
XYZ	5.7300, 3.4821, 6.0003
YIQ	51.7990, 23.5160, 25.3720

Conversions

Conversions Part 2

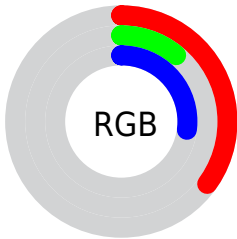
Format	Color
RYB	90, 29, 69
Decimal	5905733
CIELab	21.88, 32.78, -10.80
CIELCh	22, 34.513, 341.766
Yxy	3.4821, 0.3767, 0.2289
Android (android.graphics.Color)	4284095813 (0xFF5A1D45)
YUV	51.7990, 8.4801, 33.5023
Hunter-Lab	18.6603, 22.1563, -6.0029

Details

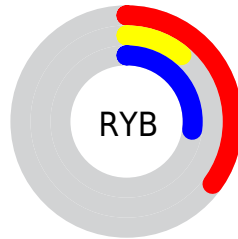
The Hex color **5A1D45** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1D5A32**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **8E4D75**, and **2B001A** is the 20% darker color. If you saturate the color by 10%, you get **5A1442**, and if you desaturate by 10%, it is **5A2648**.

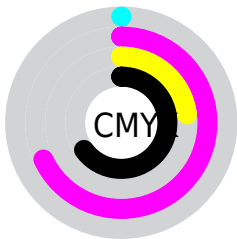
Distribution



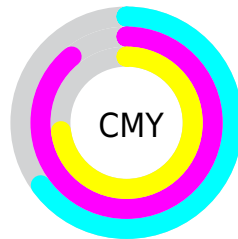
- Red (35%)
- Green (11%)
- Blue (27%)



- Red (35%)
- Yellow (11%)
- Blue (27%)



- Cyan (0%)
- Magenta (68%)
- Yellow (23%)
- Black (65%)



- Cyan (65%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1D45 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 5A1D45 by changing the saturation by 10% instead.

■ 5A1D45

■ 5A1D45

FFFFFF

■ 41032F

■ 8E4D75

■ 2B001A

■ A9668F

■ 000000

■ C580A9

■ E29BC5

■ FFB6E1

■ FFD2FD

■ FFEEFF

■ 5A1D45

■ 5A1D45

■ 5A1442

■ 5A2648

■ 5A0B3F

■ 5A2F4B

■ 5A023C

■ 5A384E

■ 5A003B

■ 5A4151

■ 5A4A54

■ 5A5358

■ 5A5C5B

■ 5A655E

■ 5A6E61

Harmonies

Analogous

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



42295B



5A1D45



621A2B

Triad

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



5A1D45



383600



003F56

Complementary

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



5A1D45



1D5A32

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.



00403E



5A1D45



1A3C0A

Square

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



5A1D45



4D2D00



003F23



003C65

Rectangle

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



5A1D45



5F1E1B



003F23



00404F

Sweetspot

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



5A1D45



755E6D



311D5A



3B2D36



BABABA



3B3B3B

Same Dimension

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



5A1D45



751655



5A1D27



2E292C



6E0048



ED009C

Inverse Universe

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



5A1D45



751655



1D5A50



2E292C



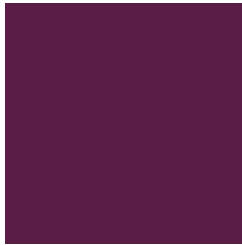
6E0048



ED009C

Previews

White Background



This preview shows how the Hex color 5A1D45 looks on a white background.

Color Contrast Check

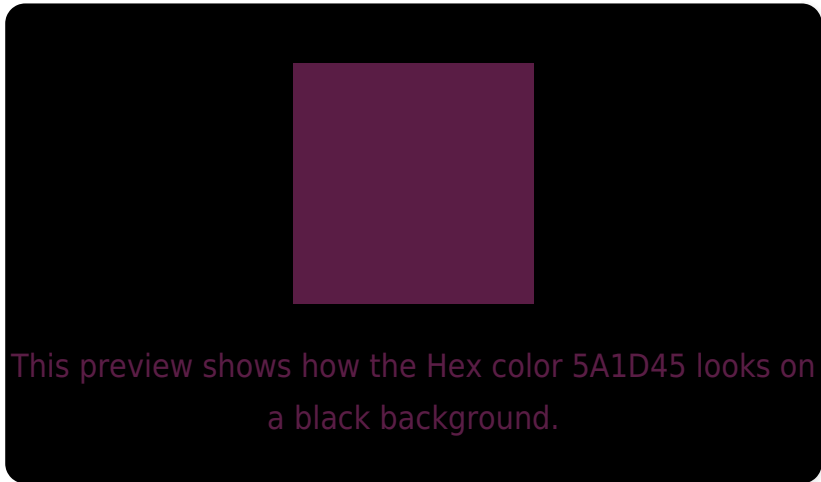
Large Text (above 18pt) WCAG AA ✓ Pass

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

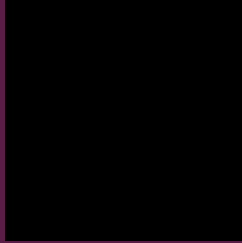
Any Text WCAG AA × Fail

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 5A1D45 Background



This preview shows how black text looks on a background with the Hex color 5A1D45.

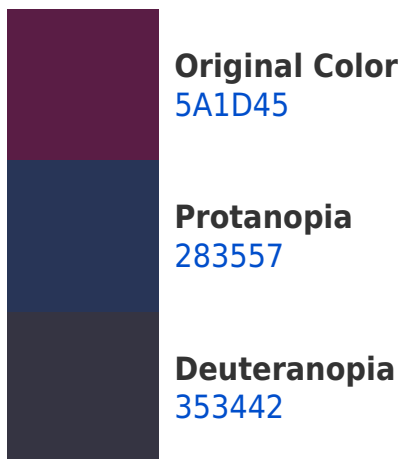


This preview shows how white text looks on a background with the Hex color 5A1D45.

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



Trichromacy



Original Color
5A1D45

Protanomaly
3A2C50

Deuteranomaly
422C43

Tritanomaly
582232

Monochromacy



Original Color
5A1D45

Achromatopsia
343434

Achromatomaly
422C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1D45 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 #5A1D45 looks like.

```
.text, #text, p{  
    color:#5A1D45  
}
```

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 #5A1D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1D45
}
```

Border

The CSS property to change the border of an element to Hex 5A1D45 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".

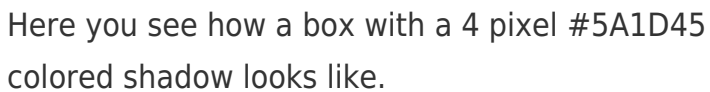
```
.border, #border, table{ border:4px solid
#5A1D45 }
```

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

```
.border{ border-color:#5A1D45 }
```

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

Here you see how a box with a 4 pixel #5A1D45 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1D45; -webkit-box-shadow:4px 4px  
4px 4px #5A1D45; box-shadow:4px 4px 4px  
4px #5A1D45 }
```

Background

The CSS property to change the background color of an element to Hex 5A1D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1D45 }
```

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

```
.background{ background-color:#5A1D45 }
```

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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