

Converting Colors

Hex(5A1A5E)

Have a look what the booklet for
Hex(5A1A5E) contains.

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Color

Hex(5A1A5E)

Conversions

Conversions Part 1

Format	Color
Hex	5A1A5E
RGB	90, 26, 94
RGB Percent	35%, 10%, 37%
CMY	0.6471, 0.8980, 0.6314
CMYK	0.04, 0.72, 0.00, 0.63
HSL	296°, 57%, 24%
HSV	296°, 72%, 37%
XYZ	6.6062, 3.7206, 10.9596
YIQ	52.8880, 16.3160, 34.7160

Conversions

Conversions Part 2

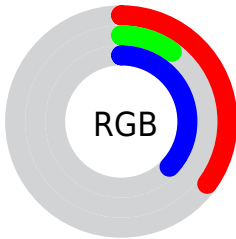
Format	Color
RYB	90, 26, 94
Decimal	5904990
CIELab	22.73, 38.66, -26.27
CIElCh	23, 46.737, 325.805
Yxy	3.7206, 0.3103, 0.1748
Android (android.graphics.Color)	4284095070 (0xFF5A1A5E)
YUV	52.8880, 20.2682, 32.5472
Hunter-Lab	19.2889, 27.3788, -20.1855

Details

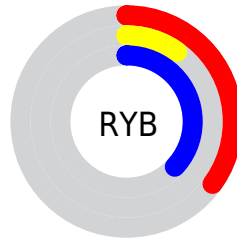
The Hex color **5A1A5E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1E5E1A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **8E4C91**, and **2B002F** is the 20% darker color. If you saturate the color by 10%, you get **59115E**, and if you desaturate by 10%, it is **5B235E**.

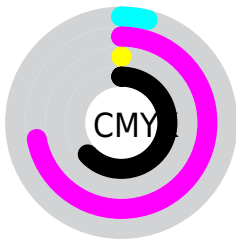
Distribution



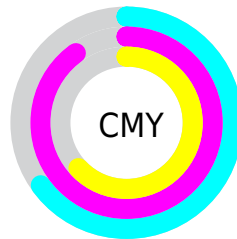
- Red (35%)
- Green (10%)
- Blue (37%)



- Red (35%)
- Yellow (10%)
- Blue (37%)



- Cyan (4%)
- Magenta (72%)
- Yellow (0%)
- Black (63%)



- Cyan (65%)
- Magenta (90%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1A5E 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 5A1A5E by changing the saturation by 10% instead.

■ 5A1A5E

■ 5A1A5E

FFFFFF

■ 410046

■ 8E4C91

■ 2B002F

■ AA65AB

■ 03001A

■ C67FC7

■ 000000

■ E29AE3

■ FFB5FF

■ FFD1FF

■ FFEEFF

■ 5A1A5E

■ 5A1A5E

■ 59115E

■ 5B235E

■ 59075E

■ 5B2D5E

■ 58005E

■ 5C365E

■ 5C405E

■ 5D495E

■ 5D525E

■ 5E5C5E

■ 5E655E

■ 5F6F5E

Harmonies

Analogous

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



232F76



5A1A5E



6F003D

Triad

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



5A1A5E



483300



004554

Complementary

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



5A1A5E



1E5E1A

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.



004430



5A1A5E



273D00

Square

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



5A1A5E



612300



004209



004370

Rectangle

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



5A1A5E



710226



004209



004548

Sweetspot

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



5A1A5E



795F7A



1A1F5E



3C2D3D



BDBDBD



3D3D3D

Same Dimension

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



5A1A5E



74107A



5E1A41



2E292E



67006E



DF00ED

Inverse Universe

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



5E1A1E



7A1016



1A5E37



2E292A



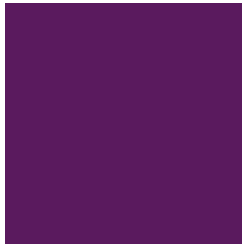
6E0006



ED000E

Previews

White Background



This preview shows how the Hex color 5A1A5E looks on a white background.

Color Contrast Check

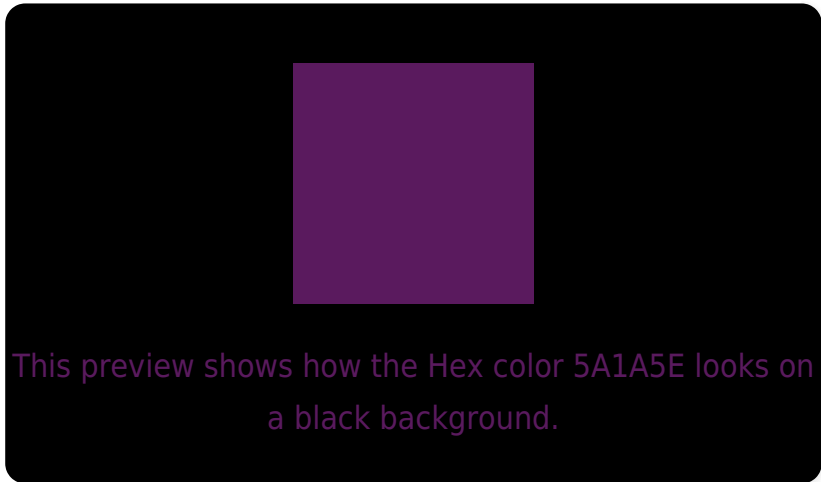
Large Text (above 18pt) WCAG AA ✓ Pass

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

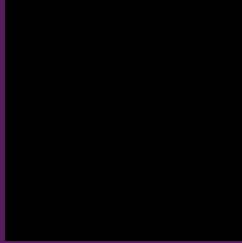
Any Text WCAG AA × Fail

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 5A1A5E Background



This preview shows how black text looks on a background with the Hex color 5A1A5E.



This preview shows how white text looks on a background with the Hex color 5A1A5E.

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
5A1A5E

Protanopia
003672

Deuteranopia
243859



Tritanopia
542B2E

Trichromacy



Original Color
5A1A5E

Protanomaly
212C6B

Deuteranomaly
382D5B

Tritanomaly
56253F

Monochromacy



Original Color
5A1A5E

Achromatopsia
353535

Achromatomaly
422B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1A5E 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 #5A1A5E looks like.

```
.text, #text, p{  
    color:#5A1A5E  
}
```

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 #5A1A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1A5E
}
```

Border

The CSS property to change the border of an element to Hex 5A1A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

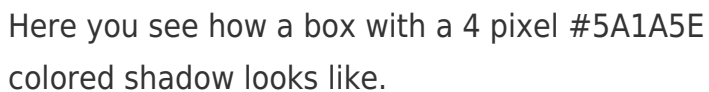
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A1A5E }
```

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

```
.border{ border-color:#5A1A5E }
```

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



Here you see how a box with a 4 pixel #5A1A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1A5E; -webkit-box-shadow:4px 4px  
4px 4px #5A1A5E; box-shadow:4px 4px 4px  
4px #5A1A5E }
```

Background

The CSS property to change the background color of an element to Hex 5A1A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1A5E }
```

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

```
.background{ background-color:#5A1A5E }
```

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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