

Converting Colors

Hex(5A1A43)

Have a look what the booklet for
Hex(5A1A43) contains.

Hex(5A1A43)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A1A43)

Conversions

Conversions Part 1

Format	Color
Hex	5A1A43
RGB	90, 26, 67
RGB Percent	35%, 10%, 26%
CMY	0.6471, 0.8980, 0.7373
CMYK	0.00, 0.71, 0.26, 0.65
HSL	322°, 55%, 23%
HSV	322°, 71%, 35%
XYZ	5.5990, 3.3177, 5.6555
YIQ	49.8100, 24.9830, 26.3190

Conversions

Conversions Part 2

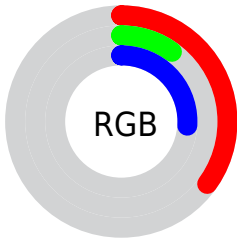
Format	Color
R_{YB}	90, 26, 67
Decimal	5904963
CIE _{Lab}	21.27, 33.88, -10.36
CIE _{LCh}	21, 35.432, 343.005
Yxy	3.3177, 0.3842, 0.2277
Android (android.graphics.Color)	4284095043 (0xFF5A1A43)
YUV	49.8100, 8.4747, 35.2466
Hunter-Lab	18.2145, 22.9936, -5.6589

Details

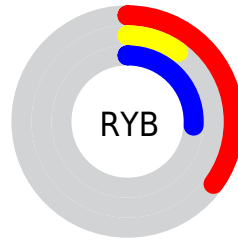
The Hex color **5A1A43** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1A5A31**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8E4B73**, and **2C0019** is the 20% darker color. If you saturate the color by 10%, you get **5A1140**, and if you desaturate by 10%, it is **5A2346**.

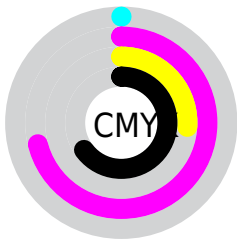
Distribution



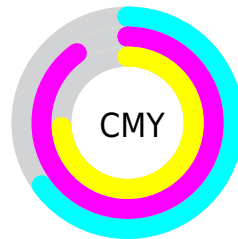
- Red (35%)
- Green (10%)
- Blue (26%)



- Red (35%)
- Yellow (10%)
- Blue (26%)



- Cyan (0%)
- Magenta (71%)
- Yellow (26%)
- Black (65%)



- Cyan (65%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1A43 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 5A1A43 by changing the saturation by 10% instead.

■ 5A1A43

■ 5A1A43

FFFFFF

■ 41002D

■ 8E4B73

■ 2C0019

■ AA648D

■ 000000

■ C67EA7

■ E298C2

■ FFB3DE

■ FFCFFB

■ FFECFF

■ 5A1A43

■ 5A1A43

■ 5A1140

■ 5A2346

■ 5A083D

■ 5A2C49

■ 5A003A

■ 5A354D

■ 5A3E50

■ 5A4753

■ 5A5056

■ 5A595A

■ 5A625D

■ 5A6B60

Harmonies

Analogous

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



42275A



5A1A43



611729

Triad

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



5A1A43



353500



003E56

Complementary

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



5A1A43



1A5A31

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.



003F3E



5A1A43



163B07

Square

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



5A1A43



4B2C00



003E23



003A65

Rectangle

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



5A1A43



5E1C18



003E23



003F4F

Sweetspot

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



5A1A43



755D6C



301A5A



3B2C35



BABABA



3B3B3B

Same Dimension

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



5A1A43



751251



5A1A24



2E292C



6E0046



ED0098

Inverse Universe

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



5A1A43



751251



1A5A50



2E292C



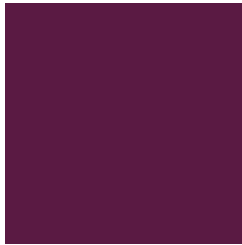
6E0046



ED0098

Previews

White Background



This preview shows how the Hex color 5A1A43 looks on a white background.

Color Contrast Check

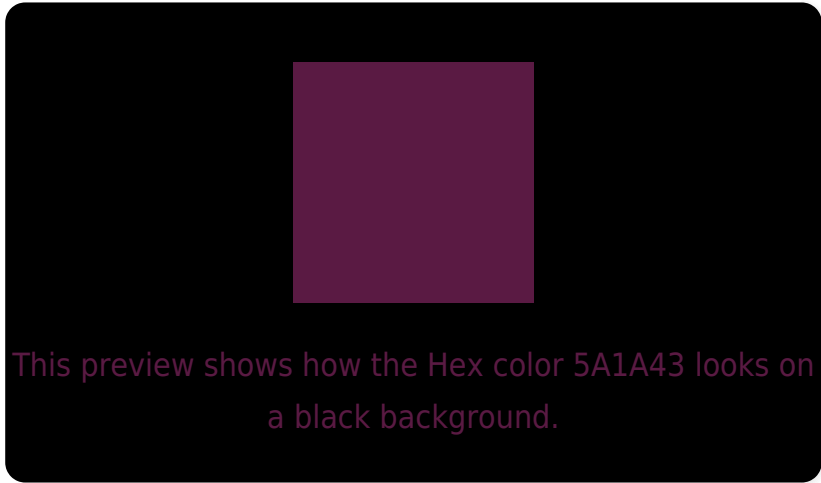
Large Text (above 18pt) WCAG AA ✓ Pass

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

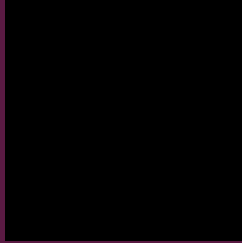
Any Text WCAG AA × Fail

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 5A1A43 Background



This preview shows how black text looks on a background with the Hex color 5A1A43.



This preview shows how white text looks on a background with the Hex color 5A1A43.

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
5A1A43

Protanopia
273356

Deuteranopia
34333F



Tritanopia
582325

Trichromacy



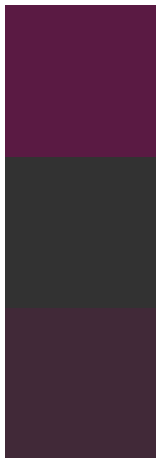
Original Color
5A1A43

Protanomaly
3A2A4F

Deuteranomaly
422A40

Tritanomaly
592030

Monochromacy



Original Color
5A1A43

Achromatopsia
323232

Achromatomaly
412938

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1A43 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 #5A1A43 looks like.

```
.text, #text, p{  
    color:#5A1A43  
}
```

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 #5A1A43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1A43
}
```

Border

The CSS property to change the border of an element to Hex 5A1A43 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".

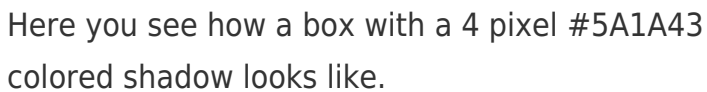
```
.border, #border, table{ border:4px solid
#5A1A43 }
```

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

```
.border{ border-color:#5A1A43 }
```

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

Here you see how a box with a 4 pixel #5A1A43 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 #5A1A43; -webkit-box-shadow:4px 4px  
4px 4px #5A1A43; box-shadow:4px 4px 4px  
4px #5A1A43 }
```

Background

The CSS property to change the background color of an element to Hex 5A1A43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1A43 }
```

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

```
.background{ background-color:#5A1A43 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor