

Converting Colors

Hex(5A103E)

Have a look what the booklet for
Hex(5A103E) contains.

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Color

Hex(5A103E)

Conversions

Conversions Part 1

Format	Color
Hex	5A103E
RGB	90, 16, 62
RGB Percent	35%, 6%, 24%
CMY	0.6471, 0.9373, 0.7569
CMYK	0.00, 0.82, 0.31, 0.65
HSL	323°, 70%, 21%
HSV	323°, 82%, 35%
XYZ	5.2712, 2.8920, 4.8378
YIQ	43.3700, 29.3380, 29.9940

Conversions

Conversions Part 2

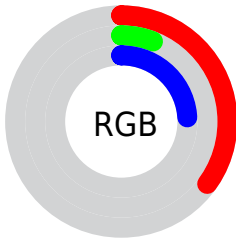
Format	Color
RYB	90, 16, 62
Decimal	5902398
CIELab	19.61, 37.20, -9.45
CIElCh	20, 38.381, 345.751
Yxy	2.8920, 0.4054, 0.2224
Android (android.graphics.Color)	4284092478 (0xFF5A103E)
YUV	43.3700, 9.1846, 40.8945
Hunter-Lab	17.0060, 25.5680, -4.9625

Details

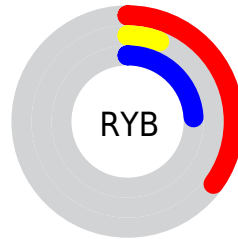
The Hex color **5A103E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **105A2C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8F436E**, and **2C0014** is the 20% darker color. If you saturate the color by 10%, you get **5A073B**, and if you desaturate by 10%, it is **5A1941**.

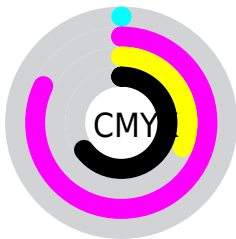
Distribution



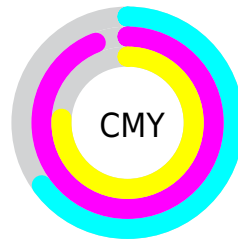
- Red (35%)
- Green (6%)
- Blue (24%)



- Red (35%)
- Yellow (6%)
- Blue (24%)



- Cyan (0%)
- Magenta (82%)
- Yellow (31%)
- Black (65%)



- Cyan (65%)
- Magenta (94%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A103E 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 5A103E by changing the saturation by 10% instead.

 5A103E

 5A103E

FFFFFF

 410028

 8F436E

 2C0014

 AA5D87

 000000

 C776A1

 E391BC

 FFACD8

 FFC8F4

 FFE4FF

 5A103E

 5A103E

■ 5A073B

■ 5A1941

■ 5A0038

■ 5A2245

■ 5A2B48

■ 5A344C

■ 5A3D4F

■ 5A4652

■ 5A4F56

■ 5A5859

■ 5A615D

Harmonies

Analogous

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



422057



5A103E



600D22

Triad

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



5A103E



2E3300



003B57

Complementary

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



5A103E



105A2C

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.



003C3E



5A103E



083800

Square

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



5A103E



462900



003B21



003766

Rectangle

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



5A103E



5C1610



003B21



003B50

Sweetspot

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



5A103E



75586A



2B105A



3B2934



BABABA



3B3B3B

Same Dimension

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



5A103E



750149



5A101A



2E292C



6E0044



ED0093

Inverse Universe

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



5A103E



750149



105A50



2E292C



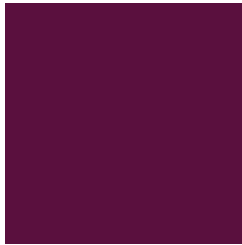
6E0044



ED0093

Previews

White Background



This preview shows how the Hex color 5A103E looks on a white background.

Color Contrast Check

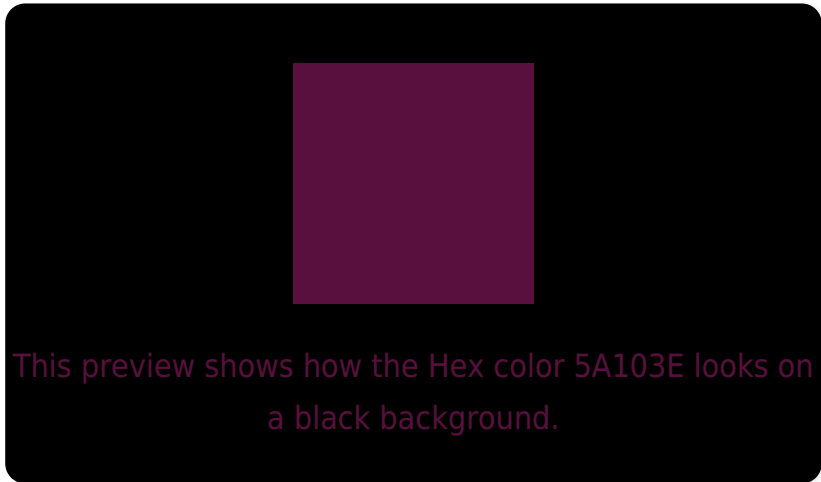
Large Text (above 18pt) WCAG AA ✓ Pass

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

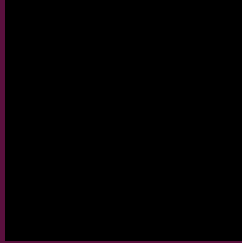
Any Text WCAG AA × Fail

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 5A103E Background



This preview shows how black text looks on a background with the Hex color 5A103E.



This preview shows how white text looks on a background with the Hex color 5A103E.

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
5A103E

Protanopia
223055

Deuteranopia
32303A



Tritanopia
581C1D

Trichromacy



Original Color
5A103E

Protanomaly
36244D

Deuteranomaly
41243B

Tritanomaly
591829

Monochromacy



Original Color
5A103E

Achromatopsia
2B2B2B

Achromatomaly
3C2132

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A103E 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 #5A103E looks like.

```
.text, #text, p{  
    color:#5A103E  
}
```

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 #5A103E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A103E
}
```

Border

The CSS property to change the border of an element to Hex 5A103E is called "border". The border property can be set on classes, ids or directly on the HTML element.

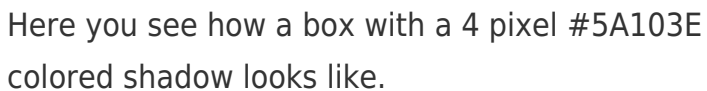
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A103E }
```

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

```
.border{ border-color:#5A103E }
```

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



Here you see how a box with a 4 pixel #5A103E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A103E; -webkit-box-shadow:4px 4px  
4px 4px #5A103E; box-shadow:4px 4px 4px  
4px #5A103E }
```

Background

The CSS property to change the background color of an element to Hex 5A103E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A103E }
```

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

```
.background{ background-color:#5A103E }
```

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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