

Converting Colors

Hex(5A134E)

Have a look what the booklet for
Hex(5A134E) contains.

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Color

Hex(5A134E)

Conversions

Conversions Part 1

Format	Color
Hex	5A134E
RGB	90, 19, 78
RGB Percent	35%, 7%, 31%
CMY	0.6471, 0.9255, 0.6941
CMYK	0.00, 0.79, 0.13, 0.65
HSL	310°, 65%, 21%
HSV	310°, 79%, 35%
XYZ	5.8245, 3.1895, 7.5164
YIQ	46.9550, 23.3770, 33.4010

Conversions

Conversions Part 2

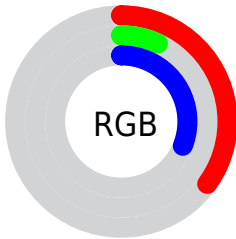
Format	Color
RYB	90, 19, 78
Decimal	5903182
CIELab	20.79, 38.56, -18.62
CIELCh	21, 42.819, 334.228
Yxy	3.1895, 0.3524, 0.1929
Android (android.graphics.Color)	4284093262 (0xFF5A134E)
YUV	46.9550, 15.3052, 37.7505
Hunter-Lab	17.8591, 26.9617, -12.4521

Details

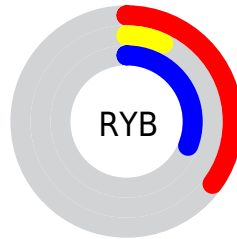
The Hex color **5A134E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **135A1F**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **8F467F**, and **2C0022** is the 20% darker color. If you saturate the color by 10%, you get **5A0A4C**, and if you desaturate by 10%, it is **5A1C50**.

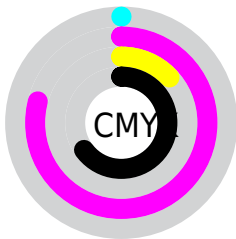
Distribution



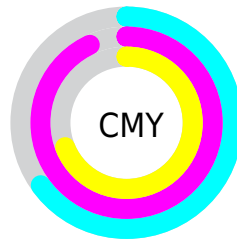
- Red (35%)
- Green (7%)
- Blue (31%)



- Red (35%)
- Yellow (7%)
- Blue (31%)



- Cyan (0%)
- Magenta (79%)
- Yellow (13%)
- Black (65%)



- Cyan (65%)
- Magenta (93%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A134E 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 5A134E by changing the saturation by 10% instead.

■ 5A134E

■ 5A134E

FFFFFF

■ 410037

■ 8F467F

■ 2C0022

■ AA5F99

■ 000007

■ C679B4

■ 000000

■ E394D0

■ FFAFEC

■ FFCBFF

■ FFE7FF

■ 5A134E

■ 5A134E

■ 5A0A4C

■ 5A1C50

■ 5A014B

■ 5A2551

■ 5A004B

■ 5A2E53

■ 5A3754

■ 5A4056

■ 5A4957

■ 5A5259

■ 5A5B5A

■ 5A645C

Harmonies

Analogous

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



352767



5A134E



67032F

Triad

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



5A134E



3B3200



003F55

Complementary

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



5A134E



135A1F

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.



003F36



5A134E



1B3A00

Square

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



5A134E



542500



003E14



003C6B

Rectangle

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



5A134E



670C1A



003E14



003F4B

Sweetspot

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



5A134E



755971



1F135A



3B2A38



BABABA



3B3B3B

Same Dimension

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



5A134E



750662



5A132B



2E292D



6E005B



ED00C5

Inverse Universe

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



5A134E



750662



135A42



2E292D



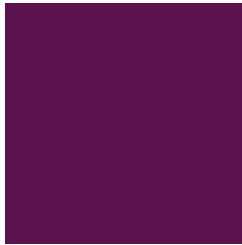
6E005B



ED00C5

Previews

White Background



This preview shows how the Hex color 5A134E looks on a white background.

Color Contrast Check

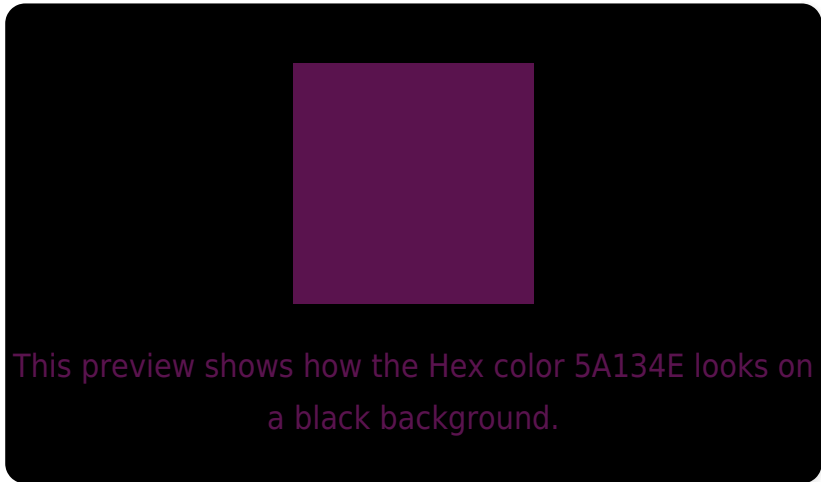
Large Text (above 18pt) WCAG AA ✓ Pass

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

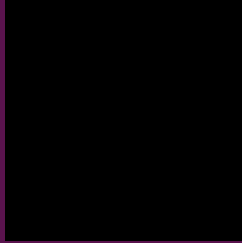
Any Text WCAG AA × Fail

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 5A134E Background



This preview shows how black text looks on a background with the Hex color 5A134E.



This preview shows how white text looks on a background with the Hex color 5A134E.

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
5A134E

Protanopia
0E3268

Deuteranopia
2C334A

Trichromacy



Original Color
5A134E

Protanomaly
2A275F

Deuteranomaly
3D274B

Tritanomaly
571D34

Monochromacy



Original Color
5A134E

Achromatopsia
2F2F2F

Achromatomaly
3F253A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A134E 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 #5A134E looks like.

```
.text, #text, p{  
    color:#5A134E  
}
```

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 #5A134E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A134E
}
```

Border

The CSS property to change the border of an element to Hex 5A134E is called "border". The border property can be set on classes, ids or directly on the HTML element.

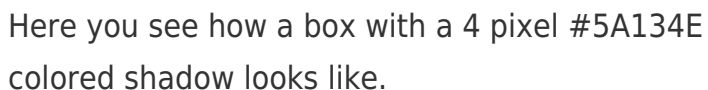
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A134E }
```

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

```
.border{ border-color:#5A134E }
```

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



Here you see how a box with a 4 pixel #5A134E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A134E; -webkit-box-shadow:4px 4px  
4px 4px #5A134E; box-shadow:4px 4px 4px  
4px #5A134E }
```

Background

The CSS property to change the background color of an element to Hex 5A134E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A134E }
```

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

```
.background{ background-color:#5A134E }
```

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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