

Converting Colors

Hex(5C124A)

Have a look what the booklet for
Hex(5C124A) contains.

Hex(5C124A)	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(5C124A)

Conversions

Conversions Part 1

Format	Color
Hex	5C124A
RGB	92, 18, 74
RGB Percent	36%, 7%, 29%
CMY	0.6392, 0.9294, 0.7098
CMYK	0.00, 0.80, 0.20, 0.64
HSL	315°, 67%, 22%
HSV	315°, 80%, 36%
XYZ	5.8660, 3.2023, 6.7875
YIQ	46.5100, 26.1280, 33.1040

Conversions

Conversions Part 2

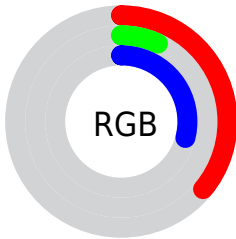
Format	Color
RYB	92, 18, 74
Decimal	6033994
CIELab	20.84, 38.81, -15.79
CIELCh	21, 41.903, 337.863
Yxy	3.2023, 0.3700, 0.2020
Android (android.graphics.Color)	4284224074 (0xFF5C124A)
YUV	46.5100, 13.5526, 39.8947
Hunter-Lab	17.8951, 27.1956, -9.9618

Details

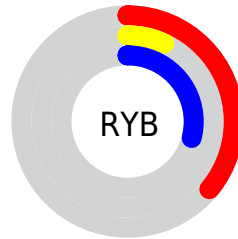
The Hex color **5C124A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **125C24**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **91467B**, and **2D001F** is the 20% darker color. If you saturate the color by 10%, you get **5C0948**, and if you desaturate by 10%, it is **5C1B4C**.

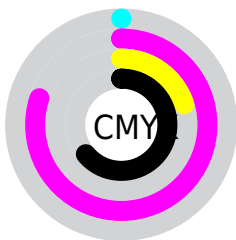
Distribution



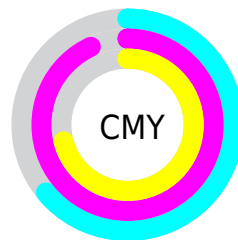
- Red (36%)
- Green (7%)
- Blue (29%)



- Red (36%)
- Yellow (7%)
- Blue (29%)



- Cyan (0%)
- Magenta (80%)
- Yellow (20%)
- Black (64%)



- Cyan (64%)
- Magenta (93%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C124A 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 5C124A by changing the saturation by 10% instead.

 5C124A

 5C124A

FFFFFF

 430033

 91467B

 2D001F

 AC5F95

 000000

 C879AF

 E593CB

 FFAFE7

 FFCAFF

 FFE7FF

 5C124A

 5C124A

■ 5C0948

■ 5C1B4C

■ 5C0046

■ 5C244E

■ 5C2E51

■ 5C3753

■ 5C4055

■ 5C4957

■ 5C525A

■ 5C5C5C

■ 5C655E

Harmonies

Analogous

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



3B2563



5C124A



67062B

Triad

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



5C124A



383300



003F58

Complementary

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



5C124A



125C24

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.



003F3A



5C124A



163A00

Square

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



5C124A



512800



003E19



003C6C

Rectangle

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



5C124A



651017



003E19



003F4E

Sweetspot

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



5C124A



785B71



23125C



3D2B39



BDBDBD



3D3D3D

Same Dimension

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



5C124A



78045C



5C1226



2E292D



6E0053



ED00B3

Inverse Universe

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



5C124A



78045C



125C48



2E292D



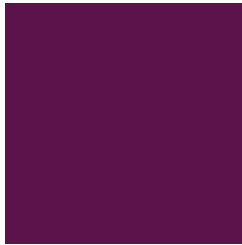
6E0053



ED00B3

Previews

White Background



This preview shows how the Hex color 5C124A looks on a white background.

Color Contrast Check

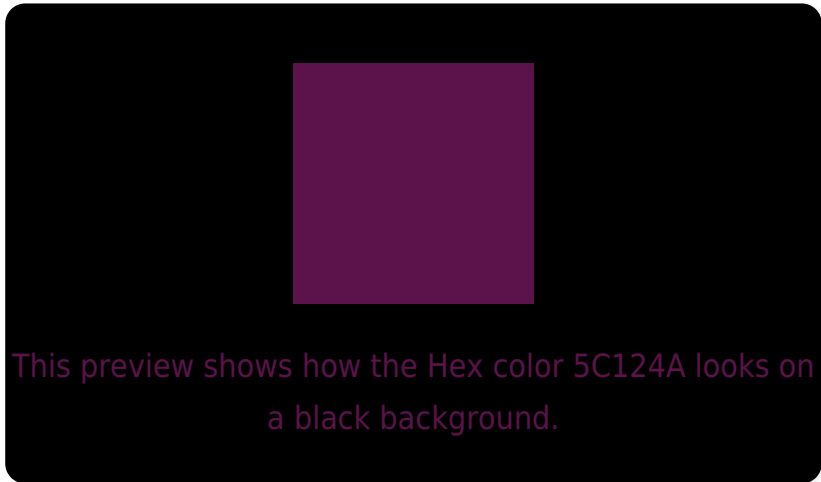
Large Text (above 18pt) WCAG AA ✓ Pass

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

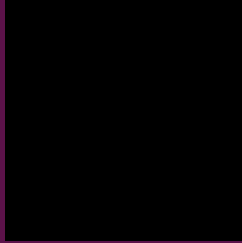
Any Text WCAG AA × Fail

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 5C124A Background



This preview shows how black text looks on a background with the Hex color 5C124A.



This preview shows how white text looks on a background with the Hex color 5C124A.

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
5C124A

Protanopia
183264

Deuteranopia
2F3346

Trichromacy



Original Color
5C124A

Protanomaly
31265B

Deuteranomaly
3F2747

Tritanomaly
5A1C31

Monochromacy



Original Color
5C124A

Achromatopsia
2F2F2F

Achromatomaly
3F2439

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C124A 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 #5C124A looks like.

```
.text, #text, p{  
    color:#5C124A  
}
```

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 #5C124A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C124A
}
```

Border

The CSS property to change the border of an element to Hex 5C124A 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
#5C124A }
```

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

```
.border{ border-color:#5C124A }
```

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

Here you see how a box with a 4 pixel #5C124A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C124A; -webkit-box-shadow:4px 4px  
4px 4px #5C124A; box-shadow:4px 4px 4px  
4px #5C124A }
```

Background

The CSS property to change the background color of an element to Hex 5C124A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C124A }
```

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

```
.background{ background-color:#5C124A }
```

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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