

Converting Colors

Hex(5A0123)

Have a look what the booklet for
Hex(5A0123) contains.

Hex(5A0123)	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(5A0123)

Conversions

Conversions Part 1

Format	Color
Hex	5A0123
RGB	90, 1, 35
RGB Percent	35%, 0%, 14%
CMY	0.6471, 0.9961, 0.8627
CMYK	0.00, 0.99, 0.61, 0.65
HSL	337°, 98%, 18%
HSV	337°, 99%, 35%
XYZ	4.5307, 2.3167, 1.7985
YIQ	31.4870, 42.1300, 29.4420

Conversions

Conversions Part 2

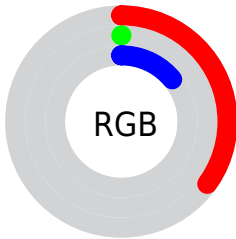
Format	Color
R_{YB}	90, 1, 35
Decimal	5898531
CIE _{Lab}	17.07, 38.75, 6.08
CIE _{LCh}	17, 39.229, 8.916
Yxy	2.3167, 0.5240, 0.2680
Android (android.graphics.Color)	4284088611 (0xFF5A0123)
YUV	31.4870, 1.7319, 51.3159
Hunter-Lab	15.2208, 26.4967, 3.6488

Details

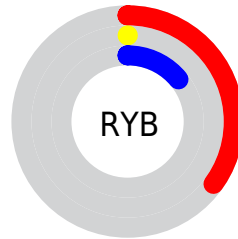
The Hex color **5A0123** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **015A38**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **913A4F**, and **270001** is the 20% darker color. If you saturate the color by 10%, you get **5A0022**, and if you desaturate by 10%, it is **5A0A29**.

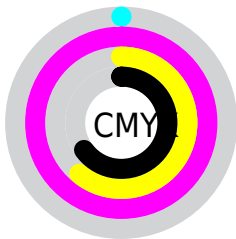
Distribution



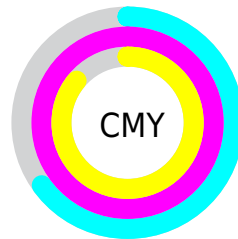
- Red (35%)
- Green (0%)
- Blue (14%)



- Red (35%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (99%)
- Yellow (61%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0123 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 5A0123 by changing the saturation by 10% instead.

 5A0123

 5A0123

 FFF7FF

 40000D

 913A4F

 270001

 AD5367

 000000

 CA6D80

 E7879A

 FFA2B5

 FFBED0

 FFDAEC

 5A0123

 5A0123

■ 5A0022

■ 5A0A29

■ 5A132E

■ 5A1C34

■ 5A2539

■ 5A2E3F

■ 5A3744

■ 5A404A

■ 5A494F

■ 5A5255

Harmonies

Analogous

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



510A3F



5A0123



551103

Triad

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



5A0123



0F3200



00325F

Complementary

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



5A0123



015A38

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.



00354D



5A0123



003514

Square

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



5A0123



2E2C00



003632



002B62

Rectangle

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



5A0123



4B1C00



003632



00345A

Sweetspot

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



5A0123



755260



38015A



3B262E



BABABA



3B3B3B

Same Dimension

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



5A0123



75002D



5A0B01



2E292B



6E002A



ED005B

Inverse Universe

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



5A0123



75002D



01505A



2E292B



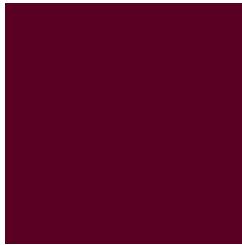
6E002A



ED005B

Previews

White Background



This preview shows how the Hex color 5A0123 looks on a white background.

Color Contrast Check

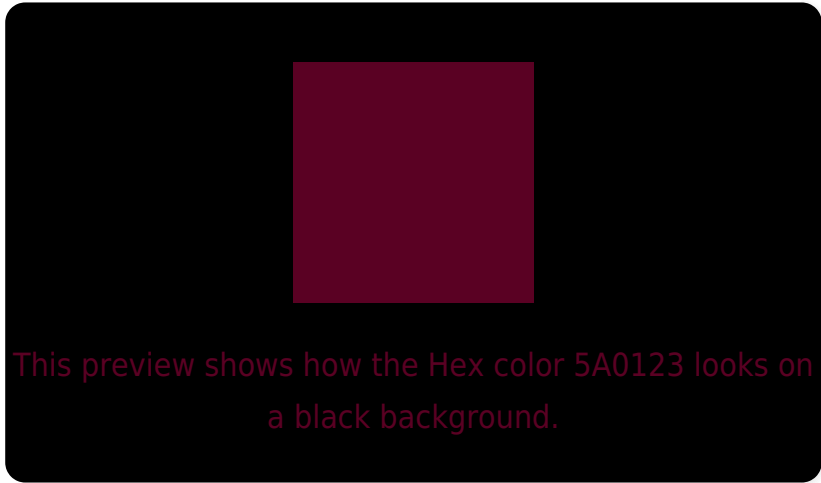
Large Text (above 18pt) WCAG AA ✓ Pass

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

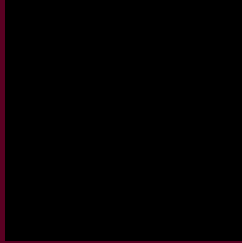
Any Text WCAG AA × Fail

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 5A0123 Background



This preview shows how black text looks on a background with the Hex color 5A0123.



This preview shows how white text looks on a background with the Hex color 5A0123.

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
5A0123

Protanopia
2E2E33

Deuteranopia
372C1F

Trichromacy



Original Color
5A0123

Protanomaly
3E1E2D

Deuteranomaly
441C20

Tritanomaly
590915

Monochromacy



Original Color
5A0123

Achromatopsia
1F1F1F

Achromatomaly
341420

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0123 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 #5A0123 looks like.

```
.text, #text, p{  
    color:#5A0123  
}
```

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 #5A0123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0123
}
```

Border

The CSS property to change the border of an element to Hex 5A0123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

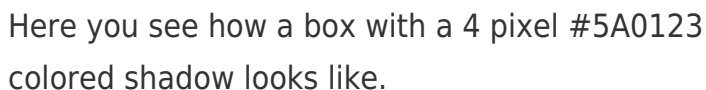
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0123 }
```

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

```
.border{ border-color:#5A0123 }
```

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



Here you see how a box with a 4 pixel #5A0123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0123; -webkit-box-shadow:4px 4px  
4px 4px #5A0123; box-shadow:4px 4px 4px  
4px #5A0123 }
```

Background

The CSS property to change the background color of an element to Hex 5A0123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0123 }
```

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

```
.background{ background-color:#5A0123 }
```

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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