

Converting Colors

Hex(5A0840)

Have a look what the booklet for
Hex(5A0840) contains.

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Color

Hex(5A0840)

Conversions

Conversions Part 1

Format	Color
Hex	5A0840
RGB	90, 8, 64
RGB Percent	35%, 3%, 25%
CMY	0.6471, 0.9686, 0.7490
CMYK	0.00, 0.91, 0.29, 0.65
HSL	319°, 84%, 19%
HSV	319°, 91%, 35%
XYZ	5.2287, 2.7175, 5.0994
YIQ	38.9020, 30.8960, 34.8000

Conversions

Conversions Part 2

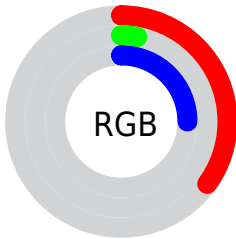
Format	Color
R_{YB}	90, 8, 64
Decimal	5900352
CIE _{Lab}	18.87, 39.84, -11.96
CIE _{LCh}	19, 41.595, 343.286
Yxy	2.7175, 0.4008, 0.2083
Android (android.graphics.Color)	4284090432 (0xFF5A0840)
YUV	38.9020, 12.3733, 44.8129
Hunter-Lab	16.4848, 27.7687, -6.8015

Details

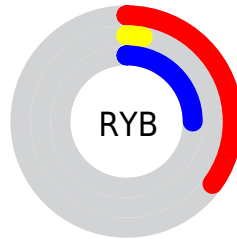
The Hex color **5A0840** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **085A22**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **8F3F70**, and **2B0016** is the 20% darker color. If you saturate the color by 10%, you get **5A003D**, and if you desaturate by 10%, it is **5A1143**.

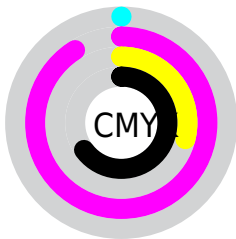
Distribution



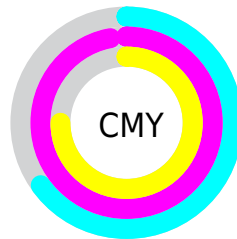
- Red (35%)
- Green (3%)
- Blue (25%)



- Red (35%)
- Yellow (3%)
- Blue (25%)



- Cyan (0%)
- Magenta (91%)
- Yellow (29%)
- Black (65%)



- Cyan (65%)
- Magenta (97%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0840 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 5A0840 by changing the saturation by 10% instead.

 5A0840

 5A0840

 FFFDFD

 40002A

 8F3F70

 2B0016

 AB5889

 000000

 C772A4

 E48DBF

 FFA8DB

 FFC4F7

 FFE0FF

 5A0840

 5A0840

■ 5A003D

■ 5A1143

■ 5A1A46

■ 5A2349

■ 5A2C4B

■ 5A354E

■ 5A3E51

■ 5A4754

■ 5A5057

■ 5A595A

Harmonies

Analogous

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



3F1E5A



5A0840



610222

Triad

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



5A0840



2E3100



003A57

Complementary

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



5A0840



085A22

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.



003B3B



5A0840



063700

Square

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



5A0840



472600



003A1B



003668

Rectangle

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



5A0840



5E0E0E



003A1B



003A4F

Sweetspot

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



5A0840



75566B



22085A



3B2835



BABABA



3B3B3B

Same Dimension

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



5A0840



750050



5A0817



2E292C



6E004B



ED00A2

Inverse Universe

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



5A0840



750050



085A4B



2E292C



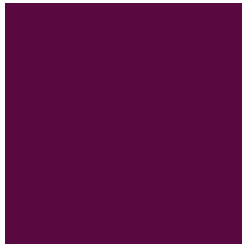
6E004B



ED00A2

Previews

White Background



This preview shows how the Hex color 5A0840 looks on a white background.

Color Contrast Check

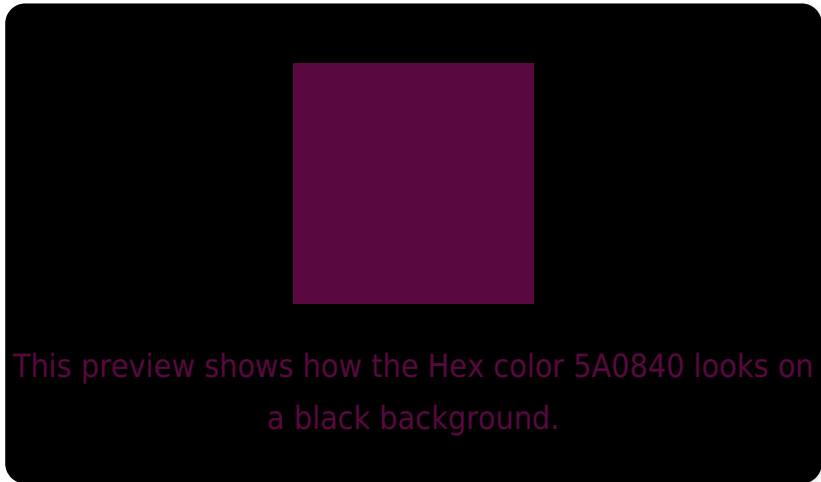
Large Text (above 18pt) WCAG AA ✓ Pass

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

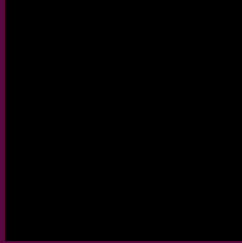
Any Text WCAG AA × Fail

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 5A0840 Background



This preview shows how black text looks on a background with the Hex color 5A0840.



This preview shows how white text looks on a background with the Hex color 5A0840.

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
5A0840

Protanopia
1B2F5A

Deuteranopia
30303C



Tritanopia
571A1B

Trichromacy



Original Color
5A0840

Protanomaly
322151

Deuteranomaly
3F213D

Tritanomaly
581328

Monochromacy



Original Color
5A0840

Achromatopsia
272727

Achromatomaly
3A1C30

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0840 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 #5A0840 looks like.

```
.text, #text, p{  
    color:#5A0840  
}
```

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 #5A0840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0840
}
```

Border

The CSS property to change the border of an element to Hex 5A0840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

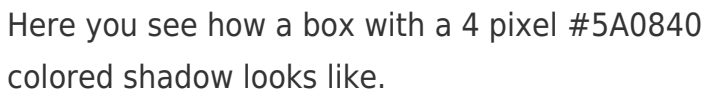
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0840 }
```

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

```
.border{ border-color:#5A0840 }
```

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



Here you see how a box with a 4 pixel #5A0840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0840; -webkit-box-shadow:4px 4px  
4px 4px #5A0840; box-shadow:4px 4px 4px  
4px #5A0840 }
```

Background

The CSS property to change the background color of an element to Hex 5A0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0840 }
```

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

```
.background{ background-color:#5A0840 }
```

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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