

Converting Colors

Hex(5C0944)

Have a look what the booklet for
Hex(5C0944) contains.

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Color

Hex(5C0944)

Conversions

Conversions Part 1

Format	Color
Hex	5C0944
RGB	92, 9, 68
RGB Percent	36%, 4%, 27%
CMY	0.6392, 0.9647, 0.7333
CMYK	0.00, 0.90, 0.26, 0.64
HSL	317°, 82%, 20%
HSV	317°, 90%, 36%
XYZ	5.5547, 2.8880, 5.7335
YIQ	40.5430, 30.5290, 35.9450

Conversions

Conversions Part 2

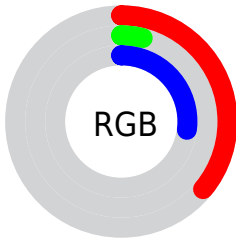
Format	Color
R_YB	92, 9, 68
Decimal	6031684
CIE Lab	19.59, 40.63, -13.60
CIE LCh	20, 42.846, 341.491
Yxy	2.8880, 0.3918, 0.2037
Android (android.graphics.Color)	4284221764 (0xFF5C0944)
YUV	40.5430, 13.5363, 45.1278
Hunter-Lab	16.9942, 28.6043, -8.1073

Details

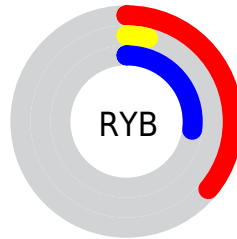
The Hex color **5C0944** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **095C21**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **914074**, and **2D001A** is the 20% darker color. If you saturate the color by 10%, you get **5C0041**, and if you desaturate by 10%, it is **5C1247**.

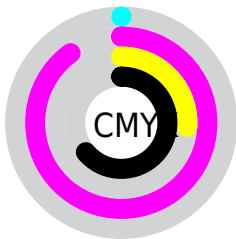
Distribution



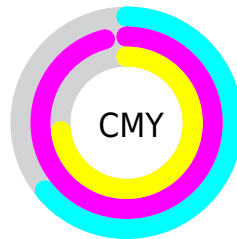
- Red (36%)
- Green (4%)
- Blue (27%)



- Red (36%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (90%)
- Yellow (26%)
- Black (64%)



- Cyan (64%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0944 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 5C0944 by changing the saturation by 10% instead.

 5C0944

 5C0944

FFFFFF

 42002E

 914074

 2D001A

 AD5A8E

 000000

 C974A8

 E68EC4

 FFA9E0

 FFC5FC

 FFE2FF

 5C0944

 5C0944

■ 5C0041

■ 5C1247

■ 5C1B49

■ 5C254C

■ 5C2E4F

■ 5C3751

■ 5C4054

■ 5C4957

■ 5C5359

■ 5C5C5C

Harmonies

Analogous

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



3E205F



5C0944



650025

Triad

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



5C0944



313200



003C59

Complementary

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



5C0944



095C21

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.



003C3B



5C0944



0A3800

Square

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



5C0944



4B2700



003B1A



00386B

Rectangle

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



5C0944



610D11



003B1A



003C50

Sweetspot

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



5C0944



78576E



21095C



3D2A38



BDBDBD



3D3D3D

Same Dimension

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



5C0944



780055



5C091B



2E292D



6E004E



ED00A9

Inverse Universe

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



5C0944



780055



095C4A



2E292D



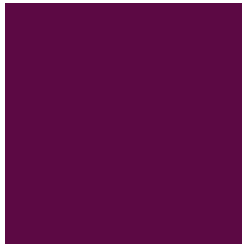
6E004E



ED00A9

Previews

White Background



This preview shows how the Hex color 5C0944 looks on a white background.

Color Contrast Check

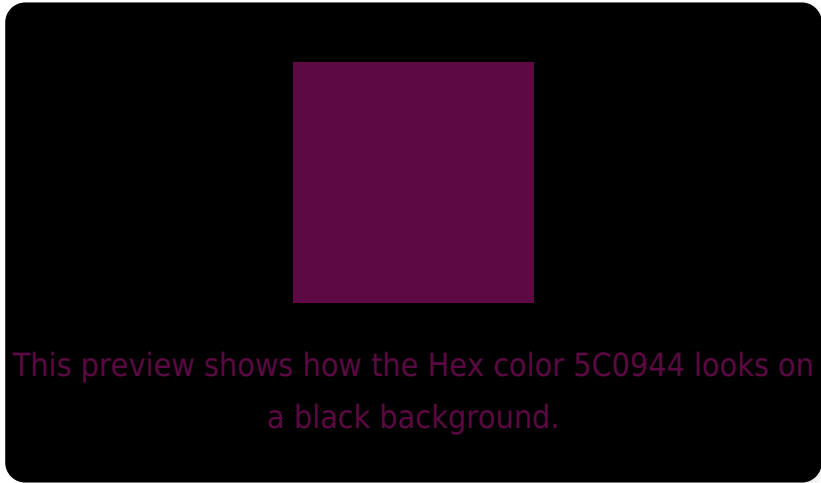
Large Text (above 18pt) WCAG AA ✓ Pass

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

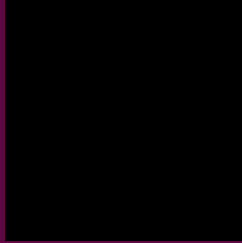
Any Text WCAG AA × Fail

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 5C0944 Background



This preview shows how black text looks on a background with the Hex color 5C0944.

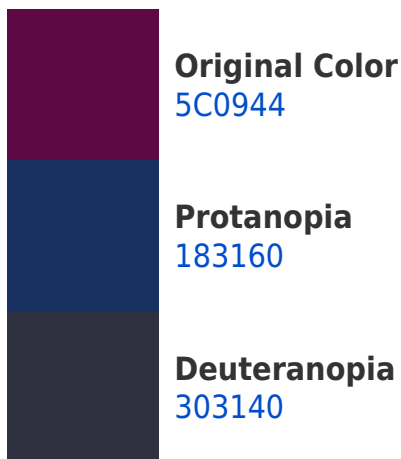


This preview shows how white text looks on a background with the Hex color 5C0944.

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



Trichromacy



Original Color
5C0944

Protanomaly
312256

Deuteranomaly
402241

Tritanomaly
5A152B

Monochromacy



Original Color
5C0944

Achromatopsia
292929

Achromatomaly
3C1D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0944 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 #5C0944 looks like.

```
.text, #text, p{  
    color:#5C0944  
}
```

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 #5C0944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0944
}
```

Border

The CSS property to change the border of an element to Hex 5C0944 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
#5C0944 }
```

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

```
.border{ border-color:#5C0944 }
```

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

Here you see how a box with a 4 pixel #5C0944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0944; -webkit-box-shadow:4px 4px  
4px 4px #5C0944; box-shadow:4px 4px 4px  
4px #5C0944 }
```

Background

The CSS property to change the background color of an element to Hex 5C0944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0944 }
```

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

```
.background{ background-color:#5C0944 }
```

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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