

Converting Colors

Hex(5F0144)

Have a look what the booklet for
Hex(5F0144) contains.

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Color

Hex(5F0144)

Conversions

Conversions Part 1

Format	Color
Hex	5F0144
RGB	95, 1, 68
RGB Percent	37%, 0%, 27%
CMY	0.6275, 0.9961, 0.7333
CMYK	0.00, 0.99, 0.28, 0.63
HSL	317°, 98%, 19%
HSV	317°, 99%, 37%
XYZ	5.7736, 2.8720, 5.7189
YIQ	36.7440, 34.5170, 40.7650

Conversions

Conversions Part 2

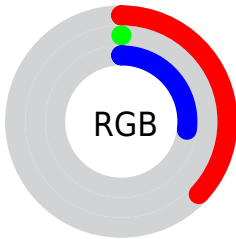
Format	Color
R_{YB}	95, 1, 68
Decimal	6226244
CIE _{Lab}	19.52, 43.43, -13.65
CIE _{LCh}	20, 45.525, 342.550
Yxy	2.8720, 0.4019, 0.1999
Android (android.graphics.Color)	4284416324 (0xFF5F0144)
YUV	36.7440, 15.4092, 51.0905
Hunter-Lab	16.9469, 31.1555, -8.1452

Details

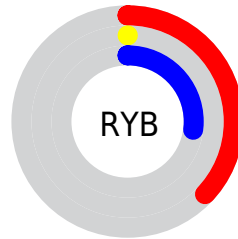
The Hex color **5F0144** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **015F1C**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **953D74**, and **2F001A** is the 20% darker color. If you saturate the color by 10%, you get **5F0044**, and if you desaturate by 10%, it is **5F0A47**.

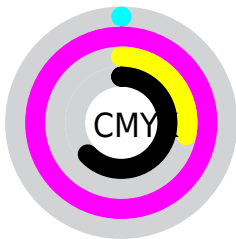
Distribution



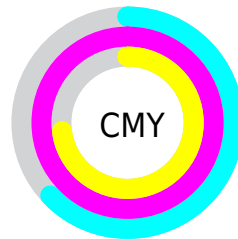
- Red (37%)
- Green (0%)
- Blue (27%)



- Red (37%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (99%)
- Yellow (28%)
- Black (63%)



- Cyan (63%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F0144 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 5F0144 by changing the saturation by 10% instead.

 5F0144


 5F0144

 FFFCFF

 45002E

 953D74

 2F001A

 B1578E

 000000

 CD71A8

 EA8BC4

 FFA7E0

 FFC3FC

 FFDFFF

 5F0144

 5F0144

■ 5F0044

■ 5F0A47

■ 5F1449

■ 5F1D4C

■ 5F274F

■ 5F3052

■ 5F3A54

■ 5F4357

■ 5F4D5A

■ 5F565D

Harmonies

Analogous

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



401E61



5F0144



670023

Triad

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



5F0144



2F3200



003C5C

Complementary

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



5F0144



015F1C

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.



003D3D



5F0144



033900

Square

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



5F0144



4B2600



003C1A



00396F

Rectangle

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



5F0144



63080D



003C1A



003D53

Sweetspot

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



5F0144



7A5670



1C015F



3D2737



BDBDBD



3D3D3D

Same Dimension

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



5F0144



7A0057



5F0115



302C2F



700050



F000AB

Inverse Universe

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



5F0144



7A0057



015F4B



302C2F



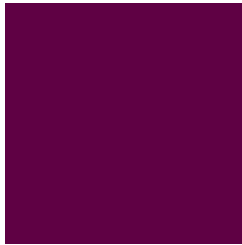
700050



F000AB

Previews

White Background



This preview shows how the Hex color 5F0144 looks on a white background.

Color Contrast Check

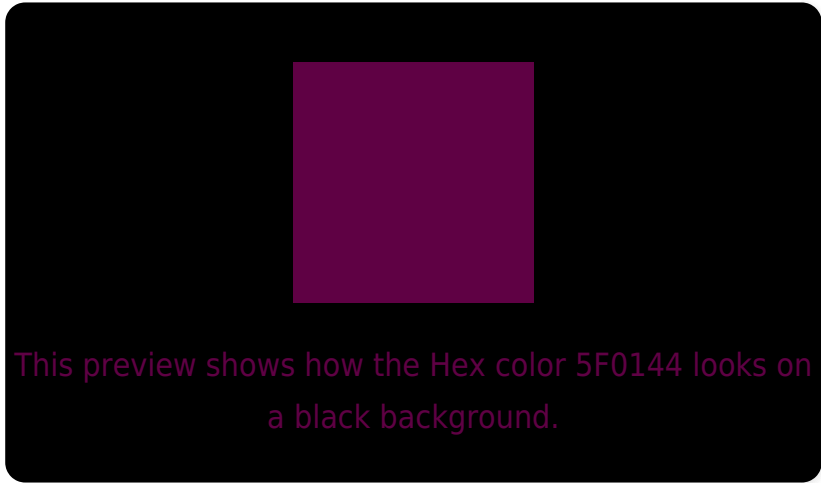
Large Text (above 18pt) WCAG AA ✓ Pass

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

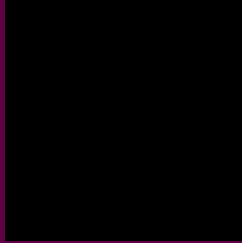
Any Text WCAG AA × Fail

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 5F0144 Background



This preview shows how black text looks on a background with the Hex color 5F0144.



This preview shows how white text looks on a background with the Hex color 5F0144.

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
5F0144

Protanomaly
322056

Deuteranomaly
422041

Tritanomaly
5D122B

Monochromacy



Original Color
5F0144

Achromatopsia
252525

Achromatomaly
3A1830

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F0144 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 #5F0144 looks like.

```
.text, #text, p{  
    color:#5F0144  
}
```

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 #5F0144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F0144
}
```

Border

The CSS property to change the border of an element to Hex 5F0144 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
#5F0144 }
```

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

```
.border{ border-color:#5F0144 }
```

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

Here you see how a box with a 4 pixel #5F0144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F0144; -webkit-box-shadow:4px 4px  
4px 4px #5F0144; box-shadow:4px 4px 4px  
4px #5F0144 }
```

Background

The CSS property to change the background color of an element to Hex 5F0144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F0144 }
```

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

```
.background{ background-color:#5F0144 }
```

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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