

Converting Colors

Hex(5F0354)

Have a look what the booklet for
Hex(5F0354) contains.

| | |
|--|----|
| Hex(5F0354) | 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(5F0354)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5F0354 |
| RGB | 95, 3, 84 |
| RGB Percent | 37%, 1%, 33% |
| CMY | 0.6275, 0.9882, 0.6706 |
| CMYK | 0.00, 0.97, 0.12, 0.63 |
| HSL | 307°, 94%, 19% |
| HSV | 307°, 97%, 37% |
| XYZ | 6.3521, 3.1381, 8.6584 |
| YIQ | 39.7420, 28.8310, 44.6950 |

Conversions

Conversions Part 2

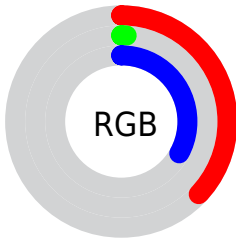
| Format | Color |
|-------------------------------------|--|
| RYB | 95, 3, 84 |
| Decimal | 6226772 |
| CIELab | 20.59, 45.20, -22.92 |
| CIELCh | 21, 50.676, 333.109 |
| Yxy | 3.1381, 0.3500, 0.1729 |
| Android (android.graphics.Color) | 4284416852 (0xFF5F0354) |
| YUV | 39.7420, 21.8192, 48.4613 |
| Hunter-Lab | 17.7147, 33.0054, -16.5789 |

Details

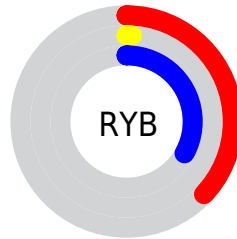
The Hex color **5F0354** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **035F0E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **943F86**, and **2F0027** is the 20% darker color. If you saturate the color by 10%, you get **5F0054**, and if you desaturate by 10%, it is **5F0D55**.

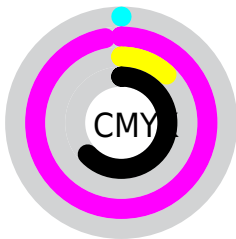
Distribution



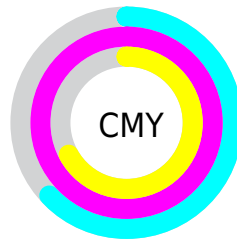
- Red (37%)
- Green (1%)
- Blue (33%)



- Red (37%)
- Yellow (1%)
- Blue (33%)



- Cyan (0%)
- Magenta (97%)
- Yellow (12%)
- Black (63%)



- Cyan (63%)
- Magenta (99%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F0354 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 5F0354 by changing the saturation by 10% instead.

 5F0354

 5F0354

FFFFFF

 45003D

 943F86

 2F0027

 B059A0

 040010

 CD73BB

 000000

 EA8ED7

 FFA9F4

 FFC5FF

 FFE2FF

 5F0354

 5F0354

■ 5F0054

■ 5F0D55

■ 5F1656

■ 5F2057

■ 5F2959

■ 5F335A

■ 5F3C5B

■ 5F465C

■ 5F4F5D

■ 5F595E

Harmonies

Analogous

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



302571



5F0354



6F0030

Triad

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



5F0354



3B3200



00405A

Complementary

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



5F0354



035F0E

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.



004035



5F0354



123A00

Square

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



5F0354



582100



003E0B



003E75

Rectangle

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



5F0354



6E0017



003E0B



00404E

Sweetspot

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



5F0354



7A5776



0E035F



3D283B



BDBDBD



3D3D3D

Same Dimension

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



5F0354



7A006C



5F0326



302C30



700063



F000D3

Inverse Universe

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



5F0354



7A006C



035F3C



302C30



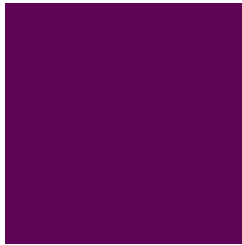
700063



F000D3

Previews

White Background



This preview shows how the Hex color 5F0354 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

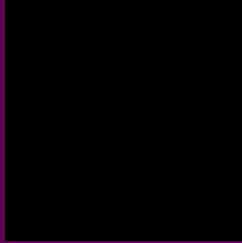
Any Text WCAG AA × Fail

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 5F0354 Background



This preview shows how black text looks on a background with the Hex color 5F0354.

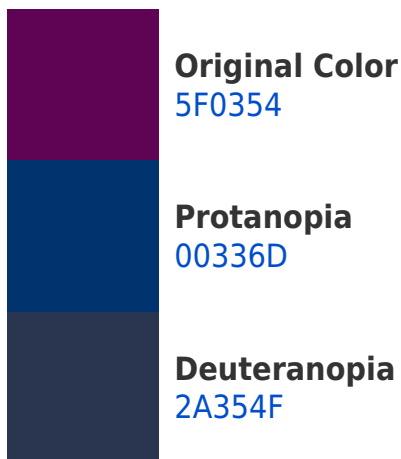


This preview shows how white text looks on a background with the Hex color 5F0354.

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
5F0354

Protanomaly
232264

Deuteranomaly
3D2351

Tritanomaly
5C1635

Monochromacy



Original Color
5F0354

Achromatopsia
282828

Achromatomaly
3C1B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F0354 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 #5F0354 looks like.

```
.text, #text, p{  
    color:#5F0354  
}
```

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 #5F0354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F0354
}
```

Border

The CSS property to change the border of an element to Hex 5F0354 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".

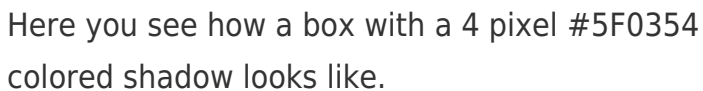
```
.border, #border, table{ border:4px solid
#5F0354 }
```

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

```
.border{ border-color:#5F0354 }
```

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

Here you see how a box with a 4 pixel #5F0354 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F0354; -webkit-box-shadow:4px 4px  
4px 4px #5F0354; box-shadow:4px 4px 4px  
4px #5F0354 }
```

Background

The CSS property to change the background color of an element to Hex 5F0354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F0354 }
```

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

```
.background{ background-color:#5F0354 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor