

Converting Colors

Hex(5F1D5F)

Have a look what the booklet for
Hex(5F1D5F) contains.

Hex(5F1D5F)	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(5F1D5F)

Conversions

Conversions Part 1

Format	Color
Hex	5F1D5F
RGB	95, 29, 95
RGB Percent	37%, 11%, 37%
CMY	0.6275, 0.8863, 0.6275
CMYK	0.00, 0.69, 0.00, 0.63
HSL	300°, 53%, 24%
HSV	300°, 69%, 37%
XYZ	7.2242, 4.1378, 11.2444
YIQ	56.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

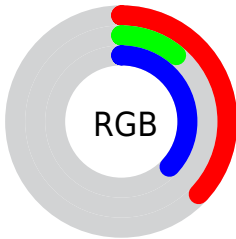
Format	Color
RYB	95, 29, 95
Decimal	6233439
CIELab	24.12, 38.86, -24.66
CIELCh	24, 46.021, 327.603
Yxy	4.1378, 0.3196, 0.1830
Android (android.graphics.Color)	4284423519 (0xFF5F1D5F)
YUV	56.2580, 19.0998, 33.9767
Hunter-Lab	20.3417, 27.7953, -18.5349

Details

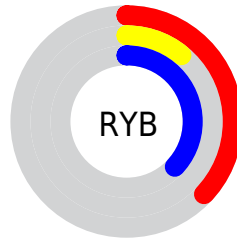
The Hex color **5F1D5F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1D5F1D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **944F92**, and **2E0030** is the 20% darker color. If you saturate the color by 10%, you get **5F135F**, and if you desaturate by 10%, it is **5F275F**.

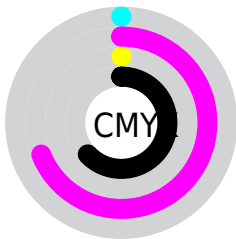
Distribution



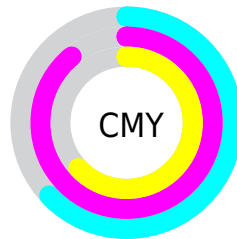
- Red (37%)
- Green (11%)
- Blue (37%)



- Red (37%)
- Yellow (11%)
- Blue (37%)



- Cyan (0%)
- Magenta (69%)
- Yellow (0%)
- Black (63%)



- Cyan (63%)
- Magenta (89%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F1D5F 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 5F1D5F by changing the saturation by 10% instead.

■ 5F1D5F

■ 5F1D5F

FFFFFF

■ 460047

■ 944F92

■ 2E0030

■ AF68AD

■ 11001B

■ CB82C8

■ 000000

■ E89DE4

■ FFB9FF

■ FFD5FF

■ FFF1FF

■ 5F1D5F

■ 5F1D5F

■ 5F135F

■ 5F275F

■ 5F0A5F

■ 5F305F

■ 5F015F

■ 5F3A5F

■ 5F005F

■ 5F435F

■ 5F4D5F

■ 5F565F

■ 5F605F

■ 5F695F

■ 5F735F

Harmonies

Analogous

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



2E3177



5F1D5F



73083E

Triad

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



5F1D5F



4A3700



004859

Complementary

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



5F1D5F



1D5F1D

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.



004835



5F1D5F



294000

Square

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



5F1D5F



632800



004510



004674

Rectangle

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



5F1D5F



740B27



004510



00484D

Sweetspot

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



5F1D5F



7A617A



1D1D5F



3D2E3D



BDBDBD



3D3D3D

Same Dimension

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



5F1D5F



7A157A



5F1D3E



302C30



700070



F000F0

Inverse Universe

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



5F1D5F



7A157A



1D5F3E



302C30



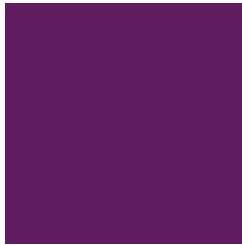
700070



F000F0

Previews

White Background



This preview shows how the Hex color 5F1D5F looks on a white background.

Color Contrast Check

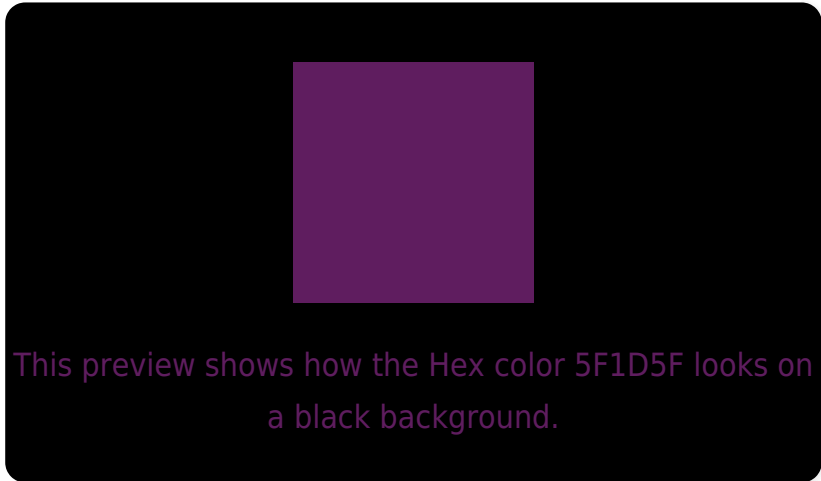
Large Text (above 18pt) WCAG AA ✓ Pass

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

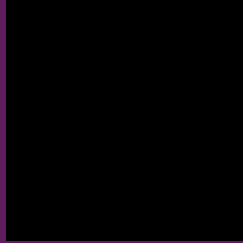
Any Text WCAG AA × Fail

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 5F1D5F Background



This preview shows how black text looks on a background with the Hex color 5F1D5F.



This preview shows how white text looks on a background with the Hex color 5F1D5F.

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





Tritanopia
5A2D30

Trichromacy



Original Color
5F1D5F

Protanomaly
232E6F

Deuteranomaly
3E305C

Tritanomaly
5C2741

Monochromacy



Original Color
5F1D5F

Achromatopsia
383838

Achromatomaly
462E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F1D5F 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 #5F1D5F looks like.

```
.text, #text, p{  
    color:#5F1D5F  
}
```

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 #5F1D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1D5F
}
```

Border

The CSS property to change the border of an element to Hex 5F1D5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

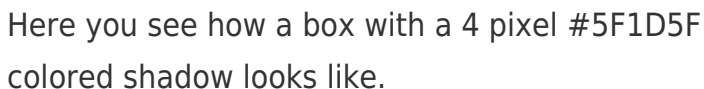
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F1D5F }
```

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

```
.border{ border-color:#5F1D5F }
```

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



Here you see how a box with a 4 pixel #5F1D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1D5F; -webkit-box-shadow:4px 4px  
4px 4px #5F1D5F; box-shadow:4px 4px 4px  
4px #5F1D5F }
```

Background

The CSS property to change the background color of an element to Hex 5F1D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1D5F }
```

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

```
.background{ background-color:#5F1D5F }
```

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