

Converting Colors

Hex(5F1D5D)

Have a look what the booklet for
Hex(5F1D5D) contains.

Hex(5F1D5D)	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(5F1D5D)

Conversions

Conversions Part 1

Format	Color
Hex	5F1D5D
RGB	95, 29, 93
RGB Percent	37%, 11%, 36%
CMY	0.6275, 0.8863, 0.6353
CMYK	0.00, 0.69, 0.02, 0.63
HSL	302°, 53%, 24%
HSV	302°, 69%, 37%
XYZ	7.1345, 4.1019, 10.7717
YIQ	56.0300, 18.7920, 33.8960

Conversions

Conversions Part 2

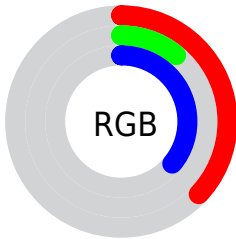
Format	Color
RYB	95, 29, 93
Decimal	6233437
CIELab	24.01, 38.48, -23.52
CIElCh	24, 45.100, 328.561
Yxy	4.1019, 0.3242, 0.1864
Android (android.graphics.Color)	4284423517 (0xFF5F1D5D)
YUV	56.0300, 18.2262, 34.1767
Hunter-Lab	20.2532, 27.4357, -17.3560

Details

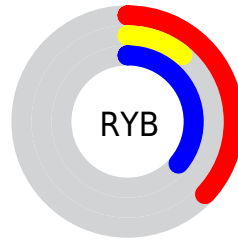
The Hex color **5F1D5D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1D5F1F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **944F90**, and **2E002F** is the 20% darker color. If you saturate the color by 10%, you get **5F135D**, and if you desaturate by 10%, it is **5F275D**.

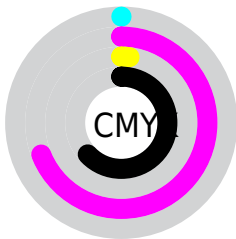
Distribution



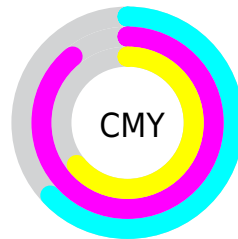
- Red (37%)
- Green (11%)
- Blue (36%)



- Red (37%)
- Yellow (11%)
- Blue (36%)



- Cyan (0%)
- Magenta (69%)
- Yellow (2%)
- Black (63%)



- Cyan (63%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F1D5D 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 5F1D5D by changing the saturation by 10% instead.

5F1D5D

5F1D5D

FFFFFF

460045

944F90

2E002F

AF68AA

110019

CB82C6

000000

E89DE2

FFB8FE

FFD5FF

FFF1FF

5F1D5D

5F1D5D

■ 5F135D

■ 5F275D

■ 5F0A5C

■ 5F305E

■ 5F015C

■ 5F3A5E

■ 5F005C

■ 5F435E

■ 5F4D5E

■ 5F565F

■ 5F605F

■ 5F695F

■ 5F7360

Harmonies

Analogous

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



303175



5F1D5D



720A3C

Triad

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



5F1D5D



493700



004759

Complementary

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



5F1D5D



1D5F1F

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.



004736



5F1D5D



284000

Square

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



5F1D5D



622800



004512



004573

Rectangle

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



5F1D5D



730E26



004512



00484E

Sweetspot

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



5F1D5D



7A617A



1E1D5F



3D2E3D



BDBDBD



3D3D3D

Same Dimension

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



5F1D5D



7A1577



5F1D3D



302C30



70006D



F000E8

Inverse Universe

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



5F1D5D



7A1577



1D5F3F



302C30



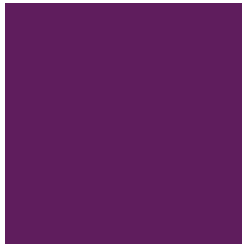
70006D



F000E8

Previews

White Background



This preview shows how the Hex color 5F1D5D looks on a white background.

Color Contrast Check

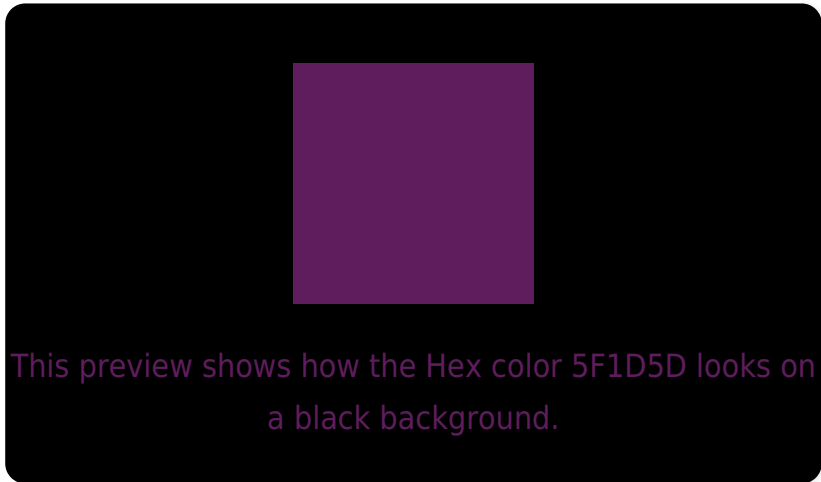
Large Text (above 18pt) WCAG AA ✓ Pass

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

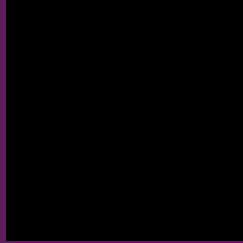
Any Text WCAG AA × Fail

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 5F1D5D Background



This preview shows how black text looks on a background with the Hex color 5F1D5D.



This preview shows how white text looks on a background with the Hex color 5F1D5D.

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
5F1D5D

Protanomaly
2B2E6D

Deuteranomaly
3F2F5A

Tritanomaly
5C2740

Monochromacy



Original Color
5F1D5D

Achromatopsia
383838

Achromatomaly
462E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F1D5D 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 #5F1D5D looks like.

```
.text, #text, p{  
    color:#5F1D5D  
}
```

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 #5F1D5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1D5D
}
```

Border

The CSS property to change the border of an element to Hex 5F1D5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

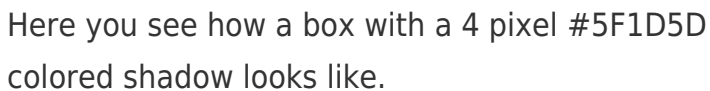
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F1D5D }
```

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

```
.border{ border-color:#5F1D5D }
```

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



Here you see how a box with a 4 pixel #5F1D5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1D5D; -webkit-box-shadow:4px 4px  
4px 4px #5F1D5D; box-shadow:4px 4px 4px  
4px #5F1D5D }
```

Background

The CSS property to change the background color of an element to Hex 5F1D5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1D5D }
```

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

```
.background{ background-color:#5F1D5D }
```

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