

Converting Colors

Hex(5F1B58)

Have a look what the booklet for
Hex(5F1B58) contains.

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Color

Hex(5F1B58)

Conversions

Conversions Part 1

Format	Color
Hex	5F1B58
RGB	95, 27, 88
RGB Percent	37%, 11%, 35%
CMY	0.6275, 0.8941, 0.6549
CMYK	0.00, 0.72, 0.07, 0.63
HSL	306°, 56%, 24%
HSV	306°, 72%, 37%
XYZ	6.8727, 3.9213, 9.6272
YIQ	54.2860, 20.9470, 33.3870

Conversions

Conversions Part 2

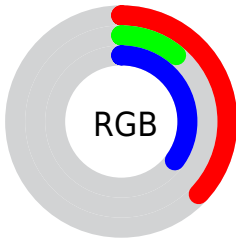
Format	Color
RYB	95, 27, 88
Decimal	6232920
CIELab	23.41, 38.44, -21.15
CIElCh	23, 43.871, 331.175
Yxy	3.9213, 0.3365, 0.1920
Android (android.graphics.Color)	4284423000 (0xFF5F1B58)
YUV	54.2860, 16.6210, 35.7062
Hunter-Lab	19.8024, 27.2968, -14.9629

Details

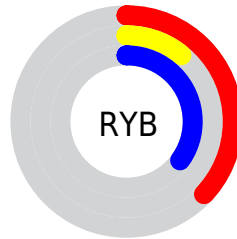
The Hex color **5F1B58** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1B5F22**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **944D8A**, and **2F002A** is the 20% darker color. If you saturate the color by 10%, you get **5F1257**, and if you desaturate by 10%, it is **5F2559**.

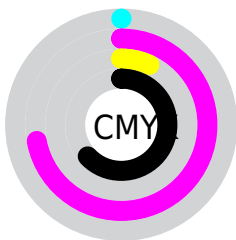
Distribution



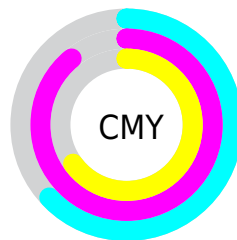
- Red (37%)
- Green (11%)
- Blue (35%)



- Red (37%)
- Yellow (11%)
- Blue (35%)



- Cyan (0%)
- Magenta (72%)
- Yellow (7%)
- Black (63%)



- Cyan (63%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F1B58 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 5F1B58 by changing the saturation by 10% instead.

■ 5F1B58

■ 5F1B58

FFFFFF

■ 460040

■ 944D8A

■ 2F002A

■ AF66A5

■ 0E0015

■ CB80C0

■ 000000

■ E89BDC

■ FFB7F8

■ FFD3FF

■ FFEFFF

■ 5F1B58

■ 5F1B58

■ 5F1257

■ 5F2559

■ 5F0856

■ 5F2E5A

■ 5F0055

■ 5F385B

■ 5F415C

■ 5F4B5D

■ 5F545E

■ 5F5E5F

■ 5F6760

■ 5F7161

Harmonies

Analogous

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



352E71



5F1B58



6F0B38

Triad

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



5F1B58



443700



004659

Complementary

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



5F1B58



1B5F22

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.



004638



5F1B58



243F00

Square

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



5F1B58



5E2900



004415



004371

Rectangle

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



5F1B58



701022



004415



00464F

Sweetspot

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



5F1B58



7A6178



221B5F



3D2E3C



BDBDBD



3D3D3D

Same Dimension

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



5F1B58



7A1170



5F1B36



302C30



700065



F000D7

Inverse Universe

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



5F1B58



7A1170



1B5F44



302C30



700065



F000D7

Previews

White Background



This preview shows how the Hex color 5F1B58 looks on a white background.

Color Contrast Check

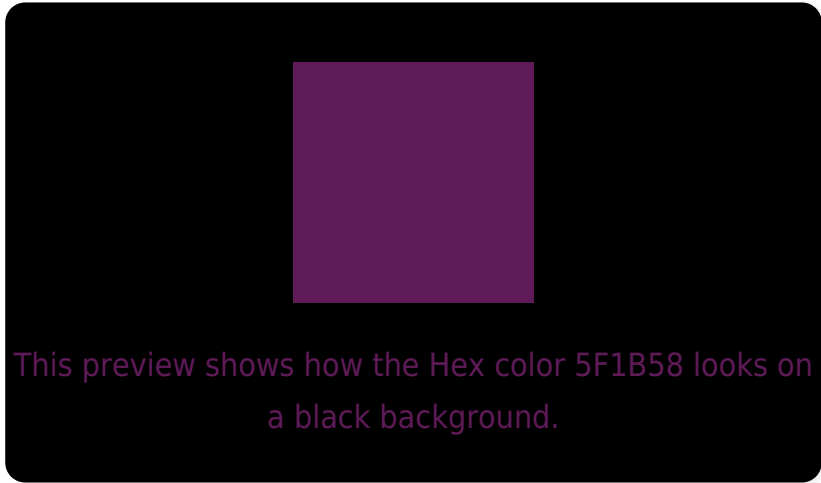
Large Text (above 18pt) WCAG AA ✓ Pass

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

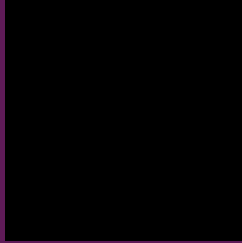
Any Text WCAG AA × Fail

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 5F1B58 Background



This preview shows how black text looks on a background with the Hex color 5F1B58.



This preview shows how white text looks on a background with the Hex color 5F1B58.

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
5A292C

Trichromacy



Original Color
5F1B58

Protanomaly
2F2D68

Deuteranomaly
402E55

Tritanomaly
5C243C

Monochromacy



Original Color
5F1B58

Achromatopsia
363636

Achromatomaly
452C42

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F1B58 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 #5F1B58 looks like.

```
.text, #text, p{  
    color:#5F1B58  
}
```

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 #5F1B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1B58
}
```

Border

The CSS property to change the border of an element to Hex 5F1B58 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".

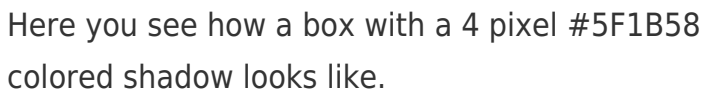
```
.border, #border, table{ border:4px solid
#5F1B58 }
```

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

```
.border{ border-color:#5F1B58 }
```

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

Here you see how a box with a 4 pixel #5F1B58 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 #5F1B58; -webkit-box-shadow:4px 4px  
4px 4px #5F1B58; box-shadow:4px 4px 4px  
4px #5F1B58 }
```

Background

The CSS property to change the background color of an element to Hex 5F1B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1B58 }
```

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

```
.background{ background-color:#5F1B58 }
```

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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