

Converting Colors

Hex(5B1858)

Have a look what the booklet for
Hex(5B1858) contains.

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Color

Hex(5B1858)

Conversions

Conversions Part 1

Format	Color
Hex	5B1858
RGB	91, 24, 88
RGB Percent	36%, 9%, 35%
CMY	0.6431, 0.9059, 0.6549
CMYK	0.00, 0.74, 0.03, 0.64
HSL	303°, 58%, 23%
HSV	303°, 74%, 36%
XYZ	6.4025, 3.5820, 9.5865
YIQ	51.3290, 19.3880, 34.1080

Conversions

Conversions Part 2

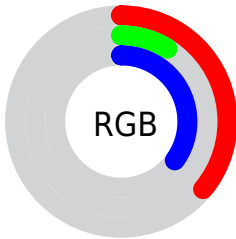
Format	Color
R_YB	91, 24, 88
Decimal	5970008
CIE Lab	22.24, 38.62, -23.05
CIE LCh	22, 44.974, 329.175
Yxy	3.5820, 0.3271, 0.1830
Android (android.graphics.Color)	4284160088 (0xFF5B1858)
YUV	51.3290, 18.0788, 34.7915
Hunter-Lab	18.9262, 27.2634, -16.7832




Details

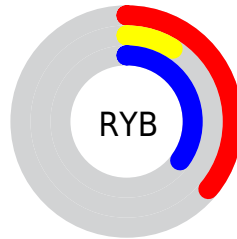
The Hex color **5B1858** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **185B1B**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **8F4A8A**, and **2C002A** is the 20% darker color. If you saturate the color by 10%, you get **5B0F58**, and if you desaturate by 10%, it is **5B2158**.

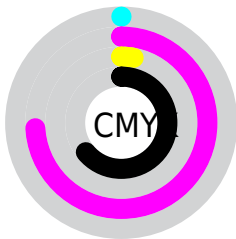
Distribution







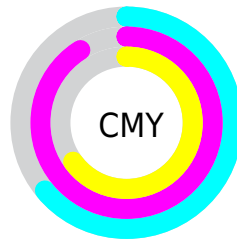
-  Red (36%)
-  Green (9%)
-  Blue (35%)






-  Red (36%)
-  Yellow (9%)
-  Blue (35%)



-  Cyan (0%)
-  Magenta (74%)
-  Yellow (3%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (91%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B1858 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 5B1858 by changing the saturation by 10% instead.

■ 5B1858

■ 5B1858

FFFFFF

■ 420040

■ 8F4A8A

■ 2C002A

■ AB64A5

■ 020014

■ C77DC0

■ 000000

■ E398DC

■ FF3F8

■ FFCFF

■ FFECFF

■ 5B1858

■ 5B1858

■ 5B0F58

■ 5B2158

■ 5B0657

■ 5B2A59

■ 5B0057

■ 5B3359

■ 5B3C5A

■ 5B465A

■ 5B4F5A

■ 5B585B

■ 5B615B

■ 5B6A5C

Harmonies

Analogous

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



2D2D70



5B1858



6D0338

Triad

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



5B1858



433400



004355

Complementary

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



5B1858



185B1B

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.



004333



5B1858



233C00

Square

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



5B1858



5D2500



00410F



00416F

Rectangle

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



5B1858



6E0822



00410F



00434A

Sweetspot

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



5B1858



755B74



1A185B



3B2B3A



BABABA



3B3B3B

Same Dimension

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



5B1858



750E71



5B1837



2E292E



6E0069



ED00E3

Inverse Universe

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



5B1858



750E71



185B3C



2E292E



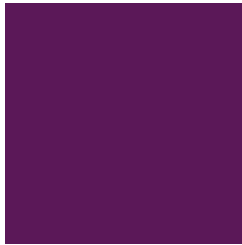
6E0069



ED00E3

Previews

White Background



This preview shows how the Hex color 5B1858 looks on a white background.

Color Contrast Check

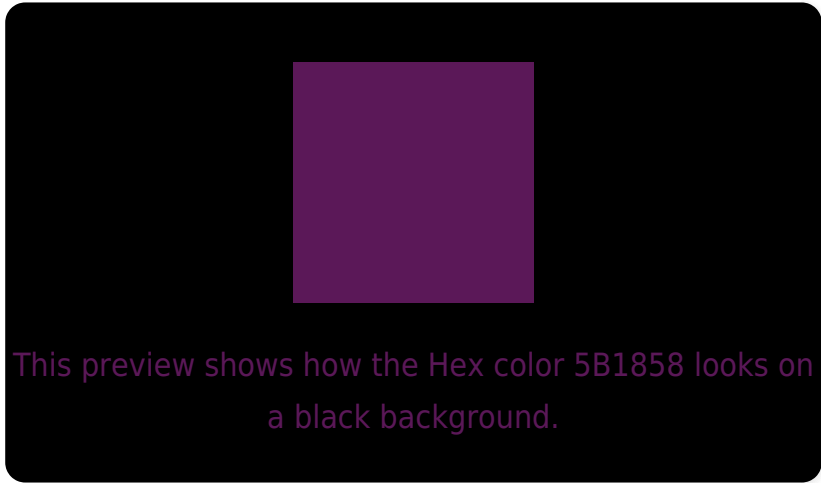
Large Text (above 18pt) WCAG AA ✓ Pass

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

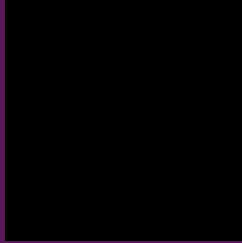
Any Text WCAG AA × Fail

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 5B1858 Background



This preview shows how black text looks on a background with the Hex color 5B1858.

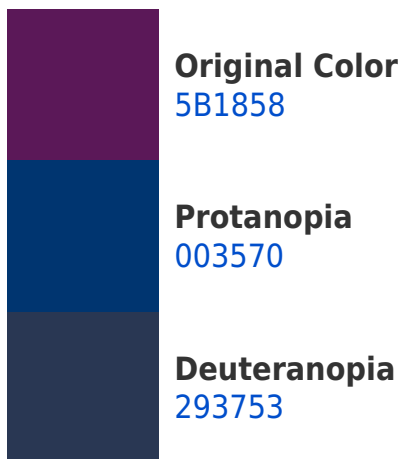


This preview shows how white text looks on a background with the Hex color 5B1858.

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
56282B

Trichromacy



Original Color
5B1858



Protanomaly
212A67



Deuteranomaly
3B2C55



Tritanomaly
58223B

Monochromacy



Original Color
5B1858



Achromatopsia
333333



Achromatomaly
422940

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B1858 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 #5B1858 looks like.

```
.text, #text, p{  
    color:#5B1858  
}
```

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 #5B1858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1858  
}
```

Border

The CSS property to change the border of an element to Hex 5B1858 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  
#5B1858 }
```

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

```
.border{ border-color:#5B1858 }
```

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

Here you see how a box with a 4 pixel #5B1858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1858; -webkit-box-shadow:4px 4px  
4px 4px #5B1858; box-shadow:4px 4px 4px  
4px #5B1858 }
```

Background

The CSS property to change the background color of an element to Hex 5B1858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1858 }
```

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

```
.background{ background-color:#5B1858 }
```

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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