

Converting Colors

Hex(5B1767)

Have a look what the booklet for
Hex(5B1767) contains.

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Color

Hex(5B1767)

Conversions

Conversions Part 1

Format	Color
Hex	5B1767
RGB	91, 23, 103
RGB Percent	36%, 9%, 40%
CMY	0.6431, 0.9098, 0.5961
CMYK	0.12, 0.78, 0.00, 0.60
HSL	291°, 63%, 25%
HSV	291°, 78%, 40%
XYZ	7.0690, 3.8162, 13.1960
YIQ	52.4520, 14.8480, 39.2960

Conversions

Conversions Part 2

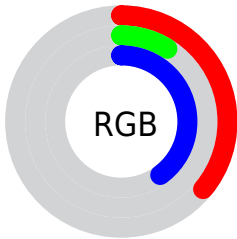
Format	Color
RYB	91, 23, 103
Decimal	5969767
CIELab	23.05, 41.93, -31.64
CIELCh	23, 52.529, 322.964
Yxy	3.8162, 0.2935, 0.1585
Android (android.graphics.Color)	4284159847 (0xFF5B1767)
YUV	52.4520, 24.9202, 33.8066
Hunter-Lab	19.5351, 30.4054, -26.3758

Details

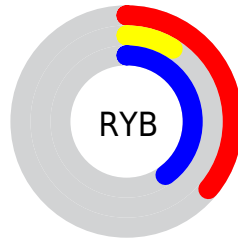
The Hex color **5B1767** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **236717**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **904A9B**, and **2A0037** is the 20% darker color. If you saturate the color by 10%, you get **590D67**, and if you desaturate by 10%, it is **5D2167**.

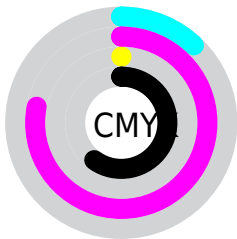
Distribution



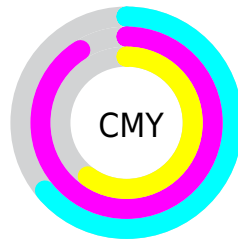
- Red (36%)
- Green (9%)
- Blue (40%)



- Red (36%)
- Yellow (9%)
- Blue (40%)



- Cyan (12%)
- Magenta (78%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (91%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B1767 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 5B1767 by changing the saturation by 10% instead.

■ 5B1767

■ 5B1767

FFFFFF

■ 42004F

■ 904A9B

■ 2A0037

■ AB64B6

■ 080021

■ C77ED1

■ 000006

■ E498EE

■ 000000

■ FFB4FF

■ FFD0FF

■ FFEDFF

■ 5B1767

■ 5B1767

■ 590D67

■ 5D2167

■ 580267

■ 5E2C67

■ 580067

■ 603667

■ 614067

■ 634B67

■ 645567

■ 665F67

■ 676967

■ 697467

Harmonies

Analogous

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



073181



5B1767



750042

Triad

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



5B1767



4C3200



004755

Complementary

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



5B1767



236717

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.



00462C



5B1767



283E00

Square

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



5B1767



681E00



004300



004576

Rectangle

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



5B1767



790028



004300



004748

Sweetspot

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



5B1767



826887



172367



423245



C4C4C4



454545

Same Dimension

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



5B1767



740987



67174B



322E33



620073



CE00F2

Inverse Universe

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



671723



87091C



176733



332E2F



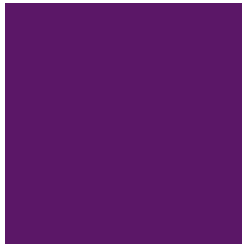
730011



F20024

Previews

White Background



This preview shows how the Hex color 5B1767 looks on a white background.

Color Contrast Check

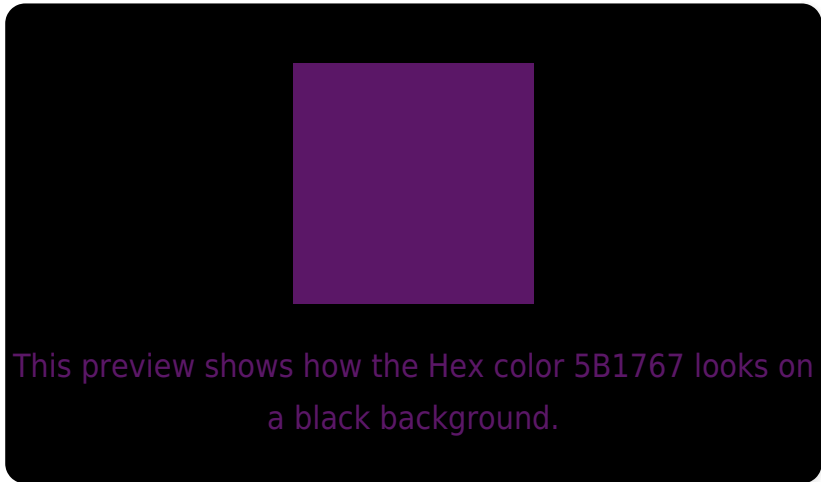
Large Text (above 18pt) WCAG AA ✓ Pass

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

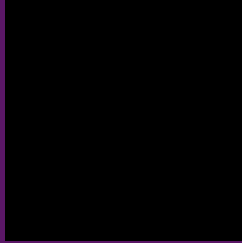
Any Text WCAG AA × Fail

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 5B1767 Background



This preview shows how black text looks on a background with the Hex color 5B1767.



This preview shows how white text looks on a background with the Hex color 5B1767.

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



Original Color
5B1767

Protanopia
003774

Deuteranopia
193962



Tritanopia
542D30

Trichromacy



Original Color
5B1767

Protanomaly
212B6F

Deuteranomaly
312D64

Tritanomaly
572544

Monochromacy



Original Color
5B1767

Achromatopsia
343434

Achromatomaly
422947

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B1767 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 #5B1767 looks like.

```
.text, #text, p{  
    color:#5B1767  
}
```

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 #5B1767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1767
}
```

Border

The CSS property to change the border of an element to Hex 5B1767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

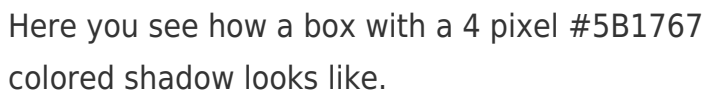
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B1767 }
```

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

```
.border{ border-color:#5B1767 }
```

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



Here you see how a box with a 4 pixel #5B1767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1767; -webkit-box-shadow:4px 4px  
4px 4px #5B1767; box-shadow:4px 4px 4px  
4px #5B1767 }
```

Background

The CSS property to change the background color of an element to Hex 5B1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1767 }
```

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

```
.background{ background-color:#5B1767 }
```

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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