

Converting Colors

Hex(5B1F33)

Have a look what the booklet for
Hex(5B1F33) contains.

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Color

Hex(5B1F33)

Conversions

Conversions Part 1

Format	Color
Hex	5B1F33
RGB	91, 31, 51
RGB Percent	36%, 12%, 20%
CMY	0.6431, 0.8784, 0.8000
CMYK	0.00, 0.66, 0.44, 0.64
HSL	340°, 49%, 24%
HSV	340°, 66%, 36%
XYZ	5.4019, 3.4431, 3.5118
YIQ	51.2200, 29.3400, 18.9400

Conversions

Conversions Part 2

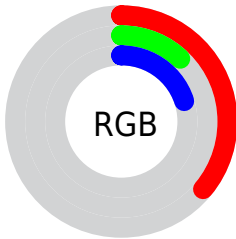
Format	Color
RYB	91, 31, 51
Decimal	5971763
CIELab	21.74, 29.58, 1.40
CIElCh	22, 29.609, 2.714
Yxy	3.4431, 0.4372, 0.2786
Android (android.graphics.Color)	4284161843 (0xFF5B1F33)
YUV	51.2200, -0.1085, 34.8871
Hunter-Lab	18.5557, 19.4923, 1.7678

Details

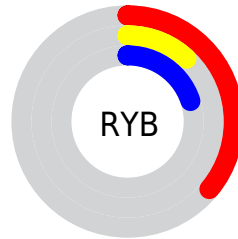
The Hex color **5B1F33** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F5B47**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **904F61**, and **2D0004** is the 20% darker color. If you saturate the color by 10%, you get **5B162D**, and if you desaturate by 10%, it is **5B2839**.

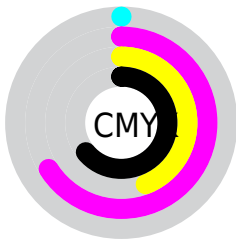
Distribution



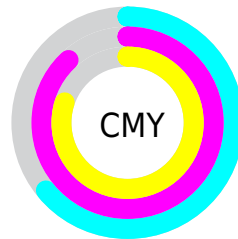
- Red (36%)
- Green (12%)
- Blue (20%)



- Red (36%)
- Yellow (12%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (44%)
- Black (64%)



- Cyan (64%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B1F33 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 5B1F33 by changing the saturation by 10% instead.

 5B1F33

 5B1F33

FFFFFF

 42061E

 904F61

 2D0004

 AB687A

 000000

 C78194

 E49CAE

 FFB7CA

 FFD3E6

 FFEFFF

 5B1F33

 5B1F33

■ 5B162D

■ 5B2839

■ 5B0D27

■ 5B313F

■ 5B0421

■ 5B3A45

■ 5B001E

■ 5B434B

■ 5B4D51

■ 5B5657

■ 5B5F5D

■ 5B6864

■ 5B716A

Harmonies

Analogous

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



502449



5B1F33



5A231E

Triad

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



5B1F33



273A0C



003C5B

Complementary

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



5B1F33



1F5B47

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.



003E4B



5B1F33



013D1F

Square

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



5B1F33



3E3402



003E35



003660

Rectangle

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



5B1F33



532811



003E35



003D57

Sweetspot

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



5B1F33



755E66



471F5B



3B2D31



BABABA



3B3B3B

Same Dimension

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



5B1F33



751938



5B291F



2E292B



6E0025



ED004F

Inverse Universe

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



5B1F33



751938



1F515B



2E292B



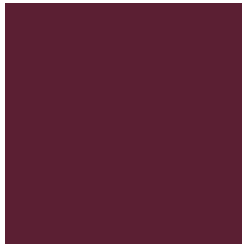
6E0025



ED004F

Previews

White Background



This preview shows how the Hex color 5B1F33 looks on a white background.

Color Contrast Check

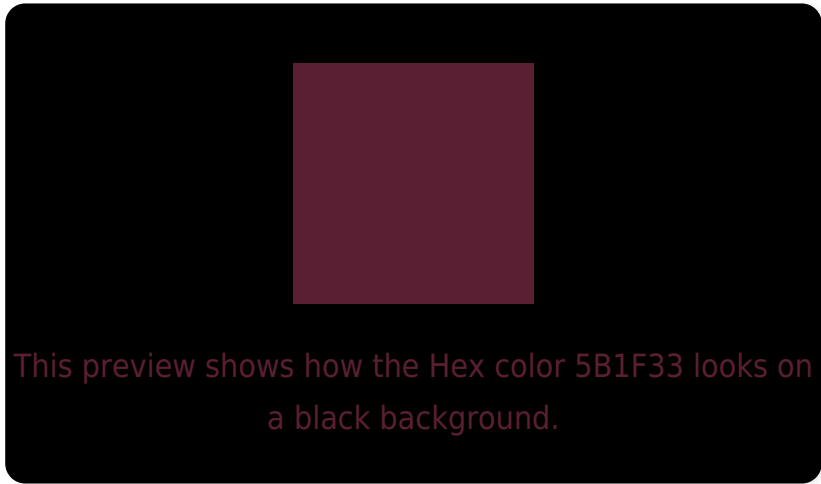
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B1F33 Background



This preview shows how black text looks on a background with the Hex color 5B1F33.



This preview shows how white text looks on a background with the Hex color 5B1F33.

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
5B1F33

Protanopia
333540

Deuteranopia
3C3330



Tritanopia
5A2224

Trichromacy



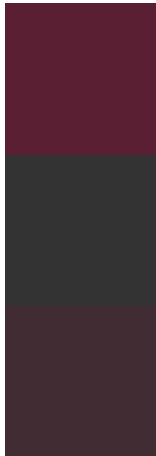
Original Color
5B1F33

Protanomaly
422D3B

Deuteranomaly
472C31

Tritanomaly
5A2129

Monochromacy



Original Color
5B1F33

Achromatopsia
333333

Achromatomaly
422C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B1F33 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 #5B1F33 looks like.

```
.text, #text, p{  
    color:#5B1F33  
}
```

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 #5B1F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1F33
}
```

Border

The CSS property to change the border of an element to Hex 5B1F33 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".

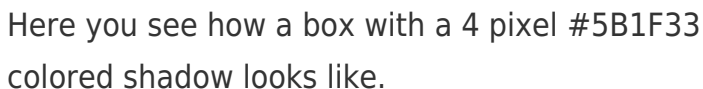
```
.border, #border, table{ border:4px solid
#5B1F33 }
```

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

```
.border{ border-color:#5B1F33 }
```

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

Here you see how a box with a 4 pixel #5B1F33 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1F33; -webkit-box-shadow:4px 4px  
4px 4px #5B1F33; box-shadow:4px 4px 4px  
4px #5B1F33 }
```

Background

The CSS property to change the background color of an element to Hex 5B1F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1F33 }
```

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

```
.background{ background-color:#5B1F33 }
```

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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