

Converting Colors

Hex(5B1C29)

Have a look what the booklet for
Hex(5B1C29) contains.

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Color

Hex(5B1C29)

Conversions

Conversions Part 1

Format	Color
Hex	5B1C29
RGB	91, 28, 41
RGB Percent	36%, 11%, 16%
CMY	0.6431, 0.8902, 0.8392
CMYK	0.00, 0.69, 0.55, 0.64
HSL	348°, 53%, 23%
HSV	348°, 69%, 36%
XYZ	5.1299, 3.2147, 2.4480
YIQ	48.3190, 33.3750, 17.3990

Conversions

Conversions Part 2

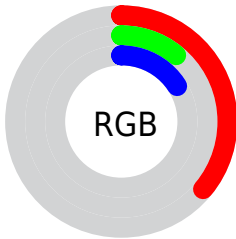
Format	Color
R_{YB}	91, 28, 41
Decimal	5970985
CIE _{Lab}	20.88, 29.97, 7.15
CIE _{LCh}	21, 30.812, 13.410
Yxy	3.2147, 0.4753, 0.2979
Android (android.graphics.Color)	4284161065 (0xFF5B1C29)
YUV	48.3190, -3.6083, 37.4312
Hunter-Lab	17.9297, 19.6937, 4.4559

Details

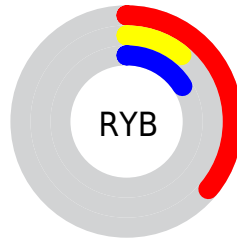
The Hex color **5B1C29** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1C5B4E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **914C56**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5B1322**, and if you desaturate by 10%, it is **5B2530**.

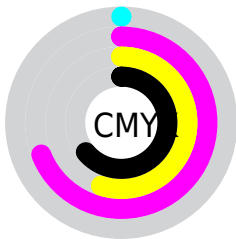
Distribution



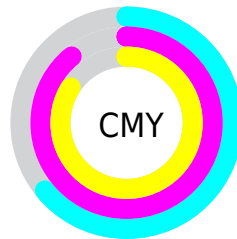
- Red (36%)
- Green (11%)
- Blue (16%)



- Red (36%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (69%)
- Yellow (55%)
- Black (64%)



- Cyan (64%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B1C29 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 5B1C29 by changing the saturation by 10% instead.

 5B1C29

 5B1C29

FFFFFF

 410315

 914C56

 2C0001

 AC656E

 000000

 C97E88

 E699A2

 FFB4BD

 FFD0D8

 FFECF5

 5B1C29

 5B1C29

■ 5B1322

■ 5B2530

■ 5B0A1B

■ 5B2E37

■ 5B0113

■ 5B373F

■ 5B0013

■ 5B4046

■ 5B4A4D

■ 5B5354

■ 5B5C5C

■ 5B6563

■ 5B6E6A

Harmonies

Analogous

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



551E40



5B1C29



562314

Triad

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



5B1C29



1A390F



00385E

Complementary

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



5B1C29



1C5B4E

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.



003C51



5B1C29



003C24

Square

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



5B1C29



343400



003D3C



16315F

Rectangle

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



5B1C29



4D2906



003D3C



003A5B

Sweetspot

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



5B1C29



755D62



4D1C5B



3B2C2F



BABABA



3B3B3B

Same Dimension

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



5B1C29



751428



5B2E1C



2E292A



6E0017



ED0031

Inverse Universe

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



5B1C29



751428



1C495B



2E292A



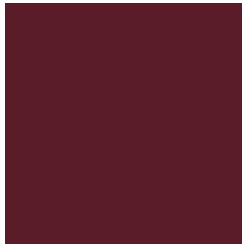
6E0017



ED0031

Previews

White Background



This preview shows how the Hex color 5B1C29 looks on a white background.

Color Contrast Check

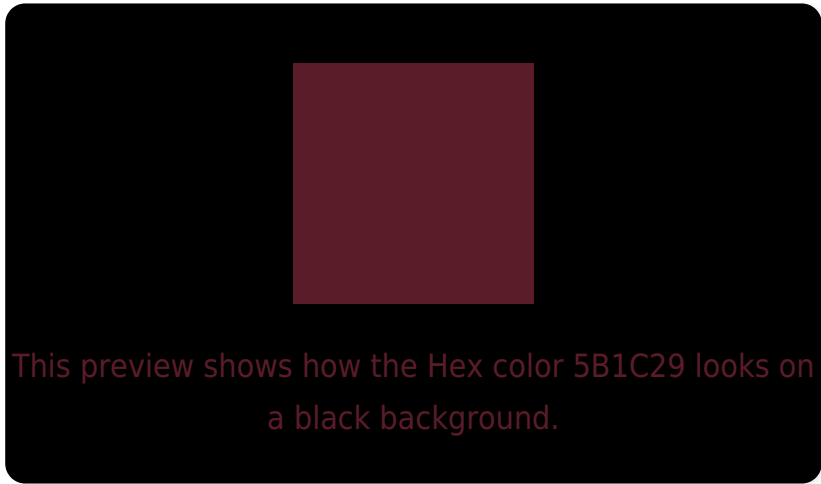
Large Text (above 18pt) WCAG AA ✓ Pass

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

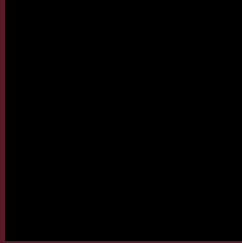
Any Text WCAG AA × Fail

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 5B1C29 Background



This preview shows how black text looks on a background with the Hex color 5B1C29.



This preview shows how white text looks on a background with the Hex color 5B1C29.

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
5B1C29

Protanopia
343335

Deuteranopia
3D3126

Trichromacy



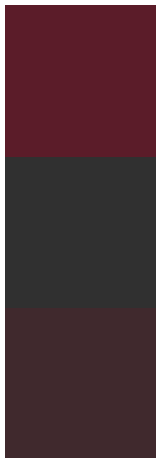
Original Color
5B1C29

Protanomaly
422B31

Deuteranomaly
482927

Tritanomaly
5B1D23

Monochromacy



Original Color
5B1C29

Achromatopsia
303030

Achromatomaly
40292D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B1C29 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 #5B1C29 looks like.

```
.text, #text, p{  
    color:#5B1C29  
}
```

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 #5B1C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1C29
}
```

Border

The CSS property to change the border of an element to Hex 5B1C29 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".

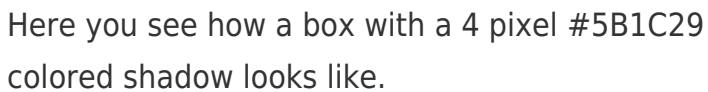
```
.border, #border, table{ border:4px solid
#5B1C29 }
```

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

```
.border{ border-color:#5B1C29 }
```

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

Here you see how a box with a 4 pixel #5B1C29 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. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1C29; -webkit-box-shadow:4px 4px  
4px 4px #5B1C29; box-shadow:4px 4px 4px  
4px #5B1C29 }
```

Background

The CSS property to change the background color of an element to Hex 5B1C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1C29 }
```

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

```
.background{ background-color:#5B1C29 }
```

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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