

Converting Colors

Hex(5B2130)

Have a look what the booklet for
Hex(5B2130) contains.

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Color

Hex(5B2130)

Conversions

Conversions Part 1

Format	Color
Hex	5B2130
RGB	91, 33, 48
RGB Percent	36%, 13%, 19%
CMY	0.6431, 0.8706, 0.8118
CMYK	0.00, 0.64, 0.47, 0.64
HSL	344°, 47%, 24%
HSV	344°, 64%, 36%
XYZ	5.3917, 3.5253, 3.1926
YIQ	52.0520, 29.7530, 16.9610

Conversions

Conversions Part 2

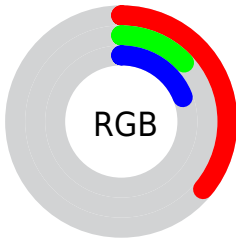
Format	Color
RYB	91, 33, 48
Decimal	5972272
CIELab	22.04, 28.17, 3.91
CIElCh	22, 28.441, 7.894
Yxy	3.5253, 0.4452, 0.2911
Android (android.graphics.Color)	4284162352 (0xFF5B2130)
YUV	52.0520, -1.9976, 34.1574
Hunter-Lab	18.7757, 18.4018, 3.0614

Details

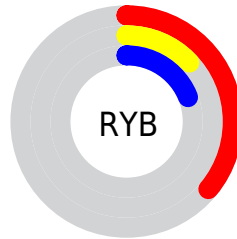
The Hex color **5B2130** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **215B4C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **90505E**, and **2D0000** is the 20% darker color. If you saturate the color by 10%, you get **5B1829**, and if you desaturate by 10%, it is **5B2A37**.

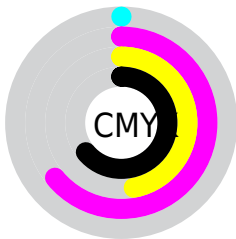
Distribution



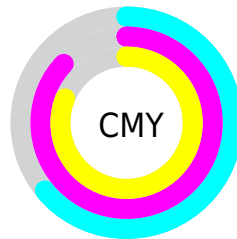
- Red (36%)
- Green (13%)
- Blue (19%)



- Red (36%)
- Yellow (13%)
- Blue (19%)



- Cyan (0%)
- Magenta (64%)
- Yellow (47%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2130 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 5B2130 by changing the saturation by 10% instead.

 5B2130

 5B2130

FFFFFF

 42091B

 90505E

 2D0000

 AB6976

 000000

 C78390

 E49DAB

 FFB9C6

 FFD5E2

 FFF1FE

 5B2130

 5B2130

■ 5B1829

■ 5B2A37

■ 5B0F23

■ 5B333D

■ 5B061C

■ 5B3C44

■ 5B0018

■ 5B454B

■ 5B4F52

■ 5B5858

■ 5B615F

■ 5B6A66

■ 5B736D

Harmonies

Analogous

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



532445



5B2130



58261C

Triad

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



5B2130



243B11



003B5C

Complementary

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



5B2130



215B4C

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.



003E4E



5B2130



003E24

Square

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



5B2130



3B3506



003F3A



13355F

Rectangle

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



5B2130



512B11



003F3A



003C58

Sweetspot

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



5B2130



755F65



4C215B



3B2D31



BABABA



3B3B3B

Same Dimension

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



5B2130



751C33



5B2F21



2E292A



6E001C



ED003D

Inverse Universe

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



5B2130



751C33



214D5B



2E292A



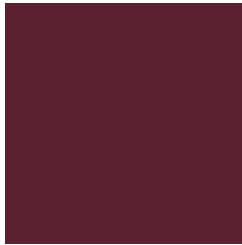
6E001C



ED003D

Previews

White Background



This preview shows how the Hex color 5B2130 looks on a white background.

Color Contrast Check

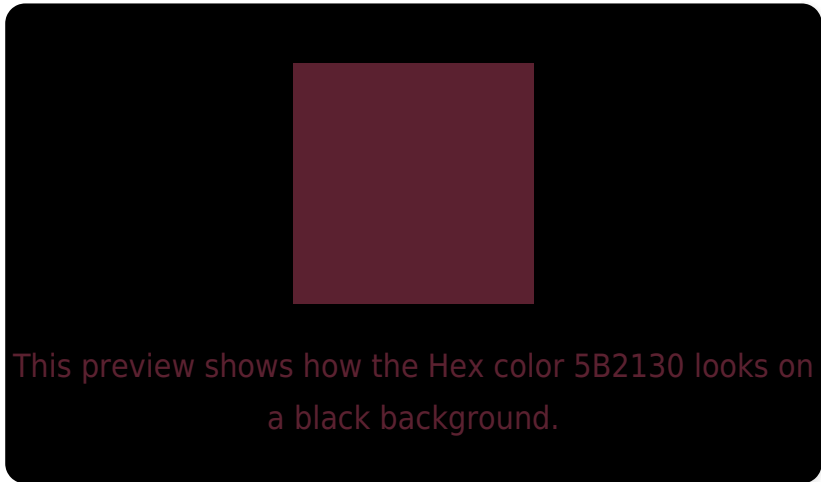
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B2130 Background



This preview shows how black text looks on a background with the Hex color 5B2130.



This preview shows how white text looks on a background with the Hex color 5B2130.

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
5B2130

Protanopia
35353B

Deuteranopia
3E342D

Trichromacy



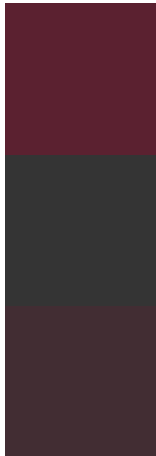
Original Color
5B2130

Protanomaly
432E37

Deuteranomaly
492D2E

Tritanomaly
5A2229

Monochromacy



Original Color
5B2130

Achromatopsia
343434

Achromatomaly
422D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2130 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 #5B2130 looks like.

```
.text, #text, p{  
    color:#5B2130  
}
```

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 #5B2130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2130
}
```

Border

The CSS property to change the border of an element to Hex 5B2130 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
#5B2130 }
```

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

```
.border{ border-color:#5B2130 }
```

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

Here you see how a box with a 4 pixel #5B2130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2130; -webkit-box-shadow:4px 4px  
4px 4px #5B2130; box-shadow:4px 4px 4px  
4px #5B2130 }
```

Background

The CSS property to change the background color of an element to Hex 5B2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2130 }
```

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

```
.background{ background-color:#5B2130 }
```

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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