

Converting Colors

Hex(5B0C2E)

Have a look what the booklet for
Hex(5B0C2E) contains.

Hex(5B0C2E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B0C2E)

Conversions

Conversions Part 1

Format	Color
Hex	5B0C2E
RGB	91, 12, 46
RGB Percent	36%, 5%, 18%
CMY	0.6431, 0.9529, 0.8196
CMYK	0.00, 0.87, 0.49, 0.64
HSL	334°, 77%, 20%
HSV	334°, 87%, 36%
XYZ	4.9390, 2.6843, 2.8426
YIQ	39.4970, 36.1700, 27.3220

Conversions

Conversions Part 2

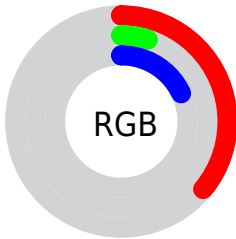
Format	Color
R_{YB}	91, 12, 46
Decimal	5966894
CIE Lab	18.73, 36.87, 0.55
CIE LCh	19, 36.877, 0.859
Yxy	2.6843, 0.4719, 0.2565
Android (android.graphics.Color)	4284156974 (0xFF5B0C2E)
YUV	39.4970, 3.2060, 45.1681
Hunter-Lab	16.3840, 25.1374, 1.1821

Details

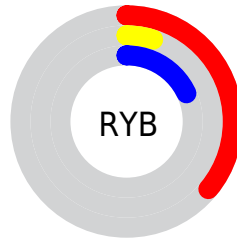
The Hex color **5B0C2E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0C5B39**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **91415C**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5B0329**, and if you desaturate by 10%, it is **5B1533**.

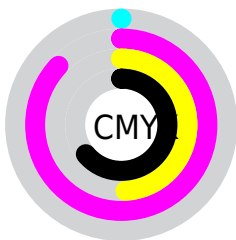
Distribution



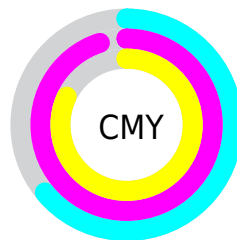
- Red (36%)
- Green (5%)
- Blue (18%)



- Red (36%)
- Yellow (5%)
- Blue (18%)



- Cyan (0%)
- Magenta (87%)
- Yellow (49%)
- Black (64%)



- Cyan (64%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B0C2E 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 5B0C2E by changing the saturation by 10% instead.

 5B0C2E

 5B0C2E

FFFEFF

 410019

 91415C

 2C0001

 AD5A74

 000000

 C9738E

 E68EA8

 FFA9C3

 FFC5DF

 FFE1FC

 5B0C2E

 5B0C2E

■ 5B0329

■ 5B1533

■ 5B0027

■ 5B1E38

■ 5B273E

■ 5B3043

■ 5B3A48

■ 5B434D

■ 5B4C52

■ 5B5557

■ 5B5E5D

Harmonies

Analogous

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



4D1748



5B0C2E



5A1414

Triad

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



5B0C2E



1F3400



00375C

Complementary

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



5B0C2E



0C5B39

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.



003948



5B0C2E



003711

Square

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



5B0C2E



392D00



00392E



003164

Rectangle

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



5B0C2E



521D00



00392E



003857

Sweetspot

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



5B0C2E



755764



390C5B



3B2830



BABABA



3B3B3B

Same Dimension

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



5B0C2E



750032



5B110C



2E292B



6E002F



ED0066

Inverse Universe

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



5B0C2E



750032



0C565B



2E292B



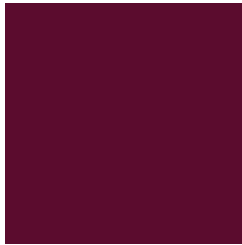
6E002F



ED0066

Previews

White Background



This preview shows how the Hex color 5B0C2E looks on a white background.

Color Contrast Check

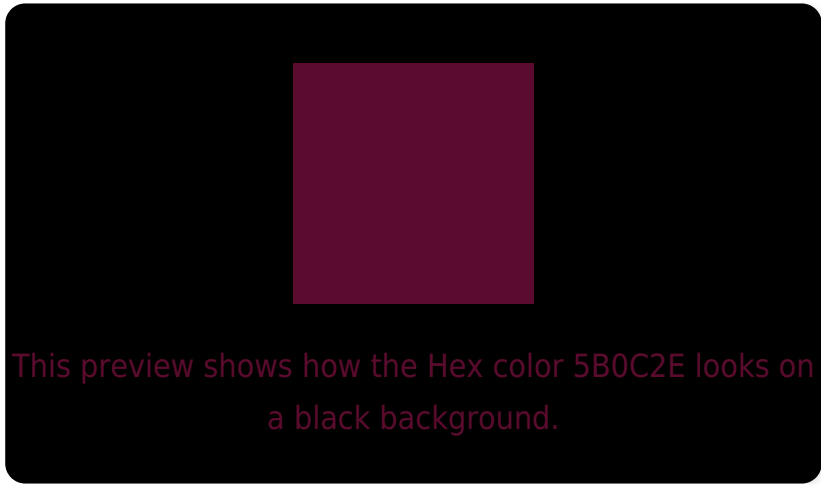
Large Text (above 18pt) WCAG AA ✓ Pass

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

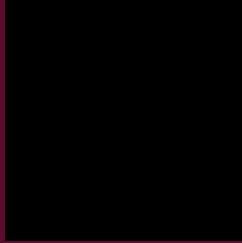
Any Text WCAG AA × Fail

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 5B0C2E Background



This preview shows how black text looks on a background with the Hex color 5B0C2E.



This preview shows how white text looks on a background with the Hex color 5B0C2E.

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
5B0C2E

Protanopia
2B3041

Deuteranopia
372E2A



Tritanopia
5A1515

Trichromacy



Original Color
5B0C2E

Protanomaly
3C233A

Deuteranomaly
44222B

Tritanomaly
5A121E

Monochromacy



Original Color
5B0C2E

Achromatopsia
272727

Achromatomaly
3A1D2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0C2E 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 #5B0C2E looks like.

```
.text, #text, p{  
    color:#5B0C2E  
}
```

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 #5B0C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0C2E
}
```

Border

The CSS property to change the border of an element to Hex 5B0C2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

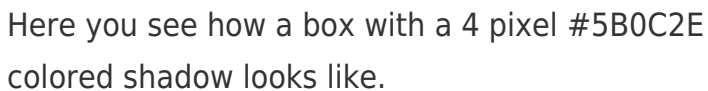
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B0C2E }
```

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

```
.border{ border-color:#5B0C2E }
```

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



Here you see how a box with a 4 pixel #5B0C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0C2E; -webkit-box-shadow:4px 4px  
4px 4px #5B0C2E; box-shadow:4px 4px 4px  
4px #5B0C2E }
```

Background

The CSS property to change the background color of an element to Hex 5B0C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0C2E }
```

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

```
.background{ background-color:#5B0C2E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor