

Converting Colors

Hex(231B5C)

Have a look what the booklet for
Hex(231B5C) contains.

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Color

Hex(231B5C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 231B5C |
| RGB | 35, 27, 92 |
| RGB Percent | 14%, 11%, 36% |
| CMY | 0.8627, 0.8941, 0.6392 |
| CMYK | 0.62, 0.71, 0.00, 0.64 |
| HSL | 247°, 55%, 23% |
| HSV | 247°, 71%, 36% |
| XYZ | 3.0168, 1.9139, 10.3356 |
| YIQ | 36.8020, -16.0970, 21.9110 |

Conversions

Conversions Part 2

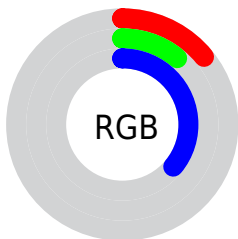
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 35, 27, 92 |
| Decimal | 2300764 |
| CIELab | 15.03, 24.57, -37.74 |
| CIELCh | 15, 45.027, 303.063 |
| Yxy | 1.9139, 0.1976, 0.1254 |
| Android (android.graphics.Color) | 4280490844 (0xFF231B5C) |
| YUV | 36.8020, 27.2126, -1.5804 |
| Hunter-Lab | 13.8344, 14.7150, -34.6114 |

Details

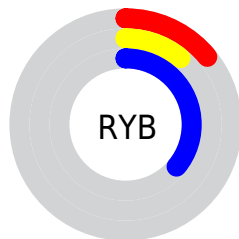
The Hex color **231B5C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **545C1B**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **57478F**, and **00012D** is the 20% darker color. If you saturate the color by 10%, you get **1B125C**, and if you desaturate by 10%, it is **2B245C**.

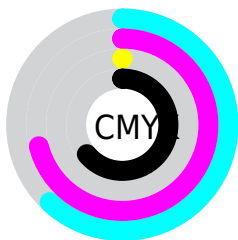
Distribution



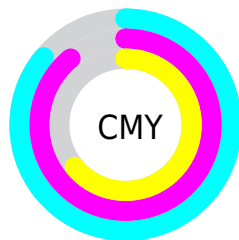
- Red (14%)
- Green (11%)
- Blue (36%)



- Red (14%)
- Yellow (11%)
- Blue (36%)



- Cyan (62%)
- Magenta (71%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 231B5C 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 231B5C by changing the saturation by 10% instead.

■ 231B5C

■ 231B5C

FFFFFF

■ 050544

■ 57478F

■ 00012D

■ 715FAA

■ 000117

■ 8B78C5

■ 000000

■ A792E1

■ C2ACFE

■ DFC8FF

■ FCE4FF

■ 231B5C

■ 231B5C

■ 1B125C

■ 2B245C

■ 13095C

■ 332D5C

■ 0B005C

■ 3B375C

■ 43405C

■ 4B495C

■ 53525C

■ 5B5B5C

■ 64655C

■ 6C6E5C

Harmonies

Analogous

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



002A67



231B5C



4C0043

Triad

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



231B5C



461800



003228

Complementary

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



231B5C



545C1B

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.



003102



231B5C



2D2600

Square

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



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570000



092D00



003248

Rectangle

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



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58002F



092D00



00321D

Sweetspot

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



231B5C



625F78



1B545C



302E3D



BDBDBD



3D3D3D

Same Dimension

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



231B5C



1F1278



431B5C



2A292E



0D006E



1D00ED

Inverse Universe

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



5C1B54



78126B



345C1B



2E292D



6E0060



ED00D0

Previews

White Background



This preview shows how the Hex color 231B5C looks on a white background.

Color Contrast Check

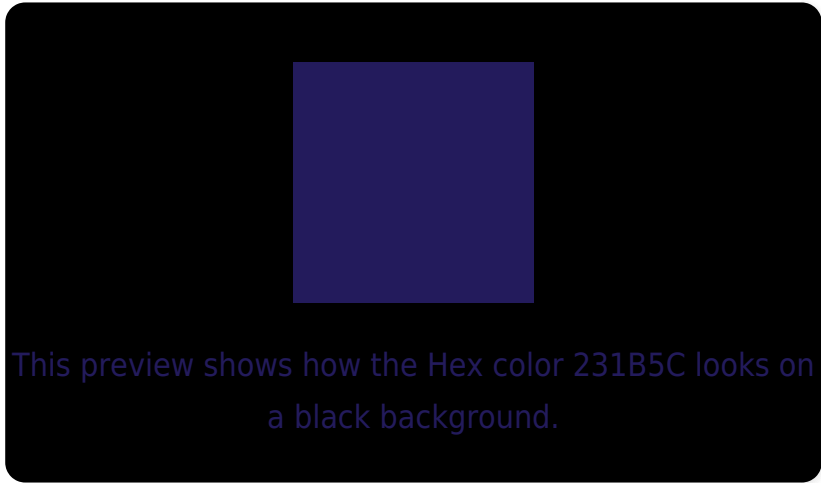
Large Text (above 18pt) WCAG AA ✓ Pass

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

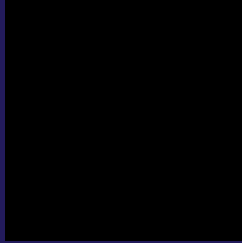
Any Text WCAG AA × Fail

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 231B5C Background



This preview shows how black text looks on a background with the Hex color 231B5C.



This preview shows how white text looks on a background with the Hex color 231B5C.

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
231B5C

Protanopia
00254E

Deuteranopia
002743



Tritanopia
082A2E

Trichromacy



Original Color
231B5C

Protanomaly
0D2153

Deuteranomaly
0D234C

Tritanomaly
12253F

Monochromacy



Original Color
231B5C

Achromatopsia
252525

Achromatomaly
242139

CSS Examples

Text

The CSS property to change the color of the text to Hex 231B5C 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 #231B5C looks like.

```
.text, #text, p{  
    color:#231B5C  
}
```

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 #231B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231B5C
}
```

Border

The CSS property to change the border of an element to Hex 231B5C 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
#231B5C }
```

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

```
.border{ border-color:#231B5C }
```

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

Here you see how a box with a 4 pixel #231B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231B5C; -webkit-box-shadow:4px 4px  
4px 4px #231B5C; box-shadow:4px 4px 4px  
4px #231B5C }
```

Background

The CSS property to change the background color of an element to Hex 231B5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231B5C }
```

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

```
.background{ background-color:#231B5C }
```

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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