

Converting Colors

Hex(2C1B30)

Have a look what the booklet for
Hex(2C1B30) contains.

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Color

Hex(2C1B30)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 2C1B30 |
| RGB | 44, 27, 48 |
| RGB Percent | 17%, 11%, 19% |
| CMY | 0.8275, 0.8941, 0.8118 |
| CMYK | 0.08, 0.44, 0.00, 0.81 |
| HSL | 289°, 28%, 15% |
| HSV | 289°, 44%, 19% |
| XYZ | 1.9641, 1.5327, 2.9886 |
| YIQ | 34.4770, 3.3910, 10.1350 |

Conversions

Conversions Part 2

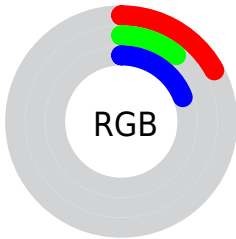
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 44, 27, 48 |
| Decimal | 2890544 |
| CIELab | 12.81, 13.01, -10.65 |
| CIElCh | 13, 16.811, 320.691 |
| Yxy | 1.5327, 0.3029, 0.2363 |
| Android (android.graphics.Color) | 4281080624 (0xFF2C1B30) |
| YUV | 34.4770, 6.6668, 8.3517 |
| Hunter-Lab | 12.3804, 6.6532, -5.6464 |

Details

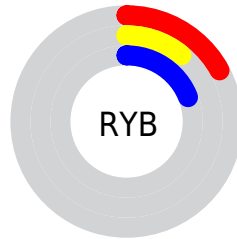
The Hex color **2C1B30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F301B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5A475E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B1630**, and if you desaturate by 10%, it is **2D2030**.

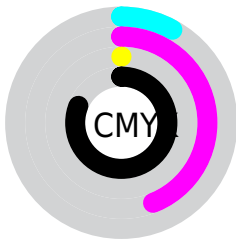
Distribution



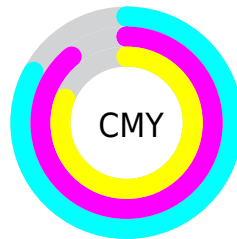
- Red (17%)
- Green (11%)
- Blue (19%)



- Red (17%)
- Yellow (11%)
- Blue (19%)



- Cyan (8%)
- Magenta (44%)
- Yellow (0%)
- Black (81%)



- Cyan (83%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1B30 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 2C1B30 by changing the saturation by 10% instead.

■ 2C1B30

■ 2C1B30

FFFFFF

■ 19011B

■ 5A475E

■ 000000

■ 735E77

■ 8C7790

■ A791AB

■ C2ABC6

■ DEC7E2

■ FBE3FF

■ 2C1B30

■ 2C1B30

■ 2B1630

■ 2D2030

■ 2A1130

■ 2E2530

■ 290D30

■ 2F2930

■ 280830

■ 302E30

■ 270330

■ 313330

■ 270030

■ 313830

■ 323D30

■ 334130

■ 344630

Harmonies

Analogous

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



1C2037



2C1B30



351825

Triad

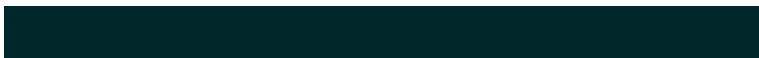
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C1B30



2C1F06



002729

Complementary

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



2C1B30



1F301B

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.



00271D



2C1B30



212308

Square

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



2C1B30



331B0F



132612



002633

Rectangle

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



2C1B30



37171D



132612



002725

Sweetspot

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



2C1B30



3C353D



1B1F30



1E1A1F



9E9E9E



1F1F1F

Same Dimension

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



2C1B30



371D3D



301B2A



171517



460057



AD00D6

Inverse Universe

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



301B1F



3D1D23



1B3021



171515



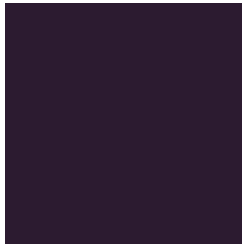
570011



D60029

Previews

White Background



This preview shows how the Hex color 2C1B30 looks on a white background.

Color Contrast Check

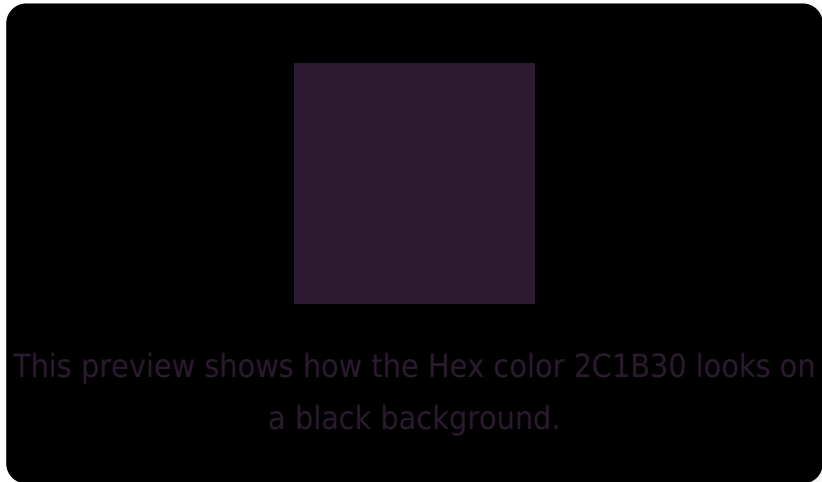
Large Text (above 18pt) WCAG AA ✓ Pass

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

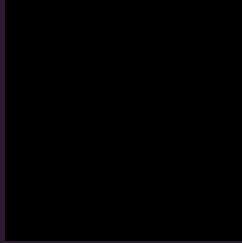
Any Text WCAG AA × Fail

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 2C1B30 Background



This preview shows how black text looks on a background with the Hex color 2C1B30.



This preview shows how white text looks on a background with the Hex color 2C1B30.

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

2C1B30

Protanopia

1A2135

Deuteranopia

1D212F



Tritanopia
2A1E21

Trichromacy



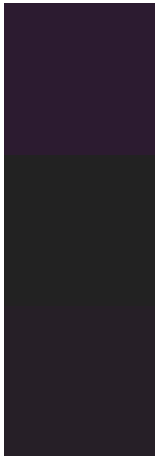
Original Color
2C1B30

Protanomaly
211F33

Deuteranomaly
221F2F

Tritanomaly
2B1D26

Monochromacy



Original Color
2C1B30

Achromatopsia
222222

Achromatomaly
261F27

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1B30 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 #2C1B30 looks like.

```
.text, #text, p{  
    color:#2C1B30  
}
```

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 #2C1B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1B30
}
```

Border

The CSS property to change the border of an element to Hex 2C1B30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

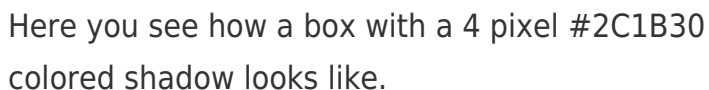
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C1B30 }
```

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

```
.border{ border-color:#2C1B30 }
```

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



Here you see how a box with a 4 pixel #2C1B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1B30; -webkit-box-shadow:4px 4px  
4px 4px #2C1B30; box-shadow:4px 4px 4px  
4px #2C1B30 }
```

Background

The CSS property to change the background color of an element to Hex 2C1B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1B30 }
```

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

```
.background{ background-color:#2C1B30 }
```

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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