

Converting Colors

Hex(2C1E3C)

Have a look what the booklet for
Hex(2C1E3C) contains.

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Color

Hex(2C1E3C)

Conversions

Conversions Part 1

Format	Color
Hex	2C1E3C
RGB	44, 30, 60
RGB Percent	17%, 12%, 24%
CMY	0.8275, 0.8824, 0.7647
CMYK	0.27, 0.50, 0.00, 0.76
HSL	268°, 33%, 18%
HSV	268°, 50%, 24%
XYZ	2.3186, 1.7903, 4.4983
YIQ	37.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

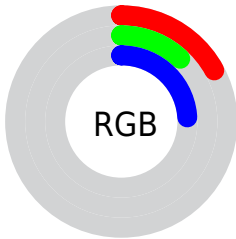
Format	Color
R_{YB}	44, 30, 60
Decimal	2891324
CIE _{Lab}	14.35, 14.21, -16.82
CIE _{LCh}	14, 22.018, 310.193
Yxy	1.7903, 0.2694, 0.2080
Android (android.graphics.Color)	4281081404 (0xFF2C1E3C)
YUV	37.6060, 11.0402, 5.6075
Hunter-Lab	13.3801, 7.5166, -10.5670

Details

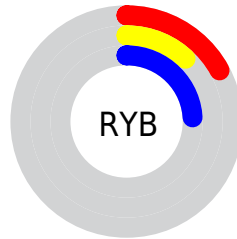
The Hex color **2C1E3C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2E3C1E**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5A4A6C**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **29183C**, and if you desaturate by 10%, it is **2F243C**.

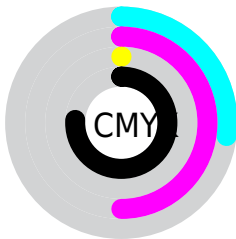
Distribution



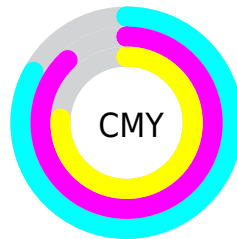
- Red (17%)
- Green (12%)
- Blue (24%)



- Red (17%)
- Yellow (12%)
- Blue (24%)



- Cyan (27%)
- Magenta (50%)
- Yellow (0%)
- Black (76%)



- Cyan (83%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1E3C 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 2C1E3C by changing the saturation by 10% instead.

■ 2C1E3C

■ 2C1E3C

FFFFFF

■ 180726

■ 5A4A6C

■ 000110

■ 736285

■ 000000

■ 8D7B9F

■ A895BA

■ C3AFD6

■ DFCBF2

■ FCE7FF

■ 2C1E3C

■ 2C1E3C

■ 29183C

■ 2F243C

■ 26123C

■ 322A3C

■ 220C3C

■ 36303C

■ 1F063C

■ 39363C

■ 1C003C

■ 3C3C3C

■ 3F423C

■ 42483C

■ 464E3C

■ 49543C

Harmonies

Analogous

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



102443



2C1E3C



3B182F

Triad

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



2C1E3C



352001



002C29

Complementary

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



2C1E3C



2E3C1E

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.



002B19



2C1E3C



292500

Square

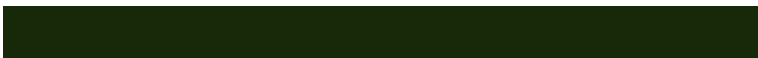
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2C1E3C



3E1A11



172909



002B38

Rectangle

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



2C1E3C



401625



172909



002C24

Sweetspot

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



2C1E3C



49434F



1E2E3C



252129



A8A8A8



292929

Same Dimension

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



2C1E3C



36204F



3B1E3C



1D1C1F



2C005E



6800DE

Inverse Universe

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



3C1E2E



4F2039



1F3C1E



1F1C1D



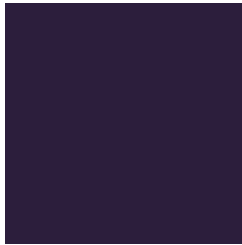
5E0032



DE0076

Previews

White Background



This preview shows how the Hex color 2C1E3C looks on a white background.

Color Contrast Check

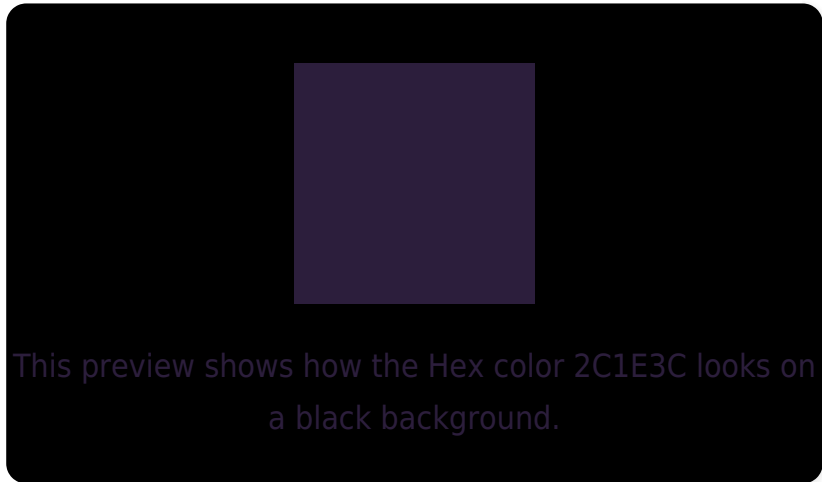
Large Text (above 18pt) WCAG AA ✓ Pass

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

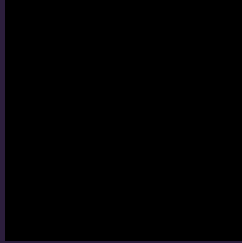
Any Text WCAG AA × Fail

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 2C1E3C Background



This preview shows how black text looks on a background with the Hex color 2C1E3C.



This preview shows how white text looks on a background with the Hex color 2C1E3C.

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
2C1E3C

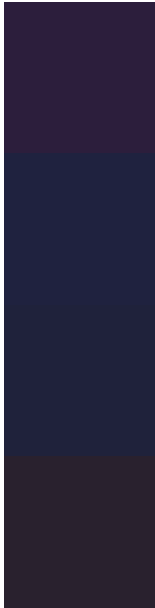
Protanopia
172441

Deuteranopia
18253B



Tritanopia
282326

Trichromacy



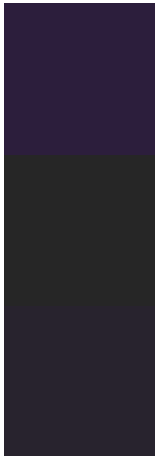
Original Color
2C1E3C

Protanomaly
1F223F

Deuteranomaly
1F223B

Tritanomaly
29212E

Monochromacy



Original Color
2C1E3C

Achromatopsia
262626

Achromatomaly
28232E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1E3C 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 #2C1E3C looks like.

```
.text, #text, p{  
    color:#2C1E3C  
}
```

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 #2C1E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1E3C
}
```

Border

The CSS property to change the border of an element to Hex 2C1E3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

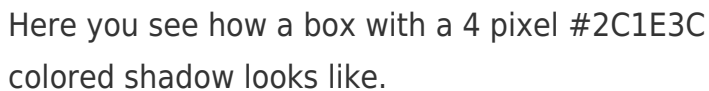
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C1E3C }
```

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

```
.border{ border-color:#2C1E3C }
```

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



Here you see how a box with a 4 pixel #2C1E3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1E3C; -webkit-box-shadow:4px 4px  
4px 4px #2C1E3C; box-shadow:4px 4px 4px  
4px #2C1E3C }
```

Background

The CSS property to change the background color of an element to Hex 2C1E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1E3C }
```

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

```
.background{ background-color:#2C1E3C }
```

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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