

Converting Colors

Hex(2C302F)

Have a look what the booklet for
Hex(2C302F) contains.

Hex(2C302F)	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(2C302F)

Conversions

Conversions Part 1

Format	Color
Hex	2C302F
RGB	44, 48, 47
RGB Percent	17%, 19%, 18%
CMY	0.8275, 0.8118, 0.8157
CMYK	0.08, 0.00, 0.02, 0.81
HSL	165°, 4%, 18%
HSV	165°, 8%, 19%
XYZ	2.6087, 2.8546, 3.1028
YIQ	46.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

Format	Color
R_{YB}	44, 46, 48
Decimal	2895919
CIE Lab	19.45, -1.99, 0.04
CIE LCh	19, 1.987, 178.985
Yxy	2.8546, 0.3045, 0.3332
Android (android.graphics.Color)	4281085999 (0xFF2C302F)
YUV	46.6900, 0.1528, -2.3591
Hunter-Lab	16.8956, -2.0062, 0.9385

Details

The Hex color **2C302F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302C2D**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **595E5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **27302E**, and if you desaturate by 10%, it is **313030**.

Distribution



 Red (17%)

 Green (19%)

 Blue (18%)



 Red (17%)

 Yellow (18%)

 Blue (19%)

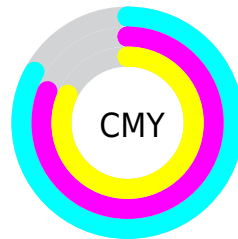


 Cyan (8%)

 Magenta (0%)

 Yellow (2%)

 Black (81%)



 Cyan (83%)

 Magenta (81%)

 Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C302F 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 2C302F by changing the saturation by 10% instead.

■ 2C302F

■ 2C302F

FFFFFF

■ 171B1A

■ 595E5D

■ 000000

■ 727775

■ 8B908F

■ A6ABA9

■ C1C6C5

■ DDE2E1

■ F9FFFD

■ 2C302F

■ 2C302F

■ 27302E

■ 313030

■ 22302D

■ 363031

■ 1E302B

■ 3A3033

■ 19302A

■ 3F3034

■ 143029

■ 443035

■ 0F3028

■ 493036

■ 0A3027

■ 4E3037

■ 063025

■ 523039

■ 013024

■ 57303A

Harmonies

Analogous

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



2D302E



2C302F



2C3030

Triad

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



2C302F



2F2F32



322F2D

Complementary

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



2C302F



302C2D

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.



322E2E



2C302F



312E31

Square

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



2C302F



2E2F32



322E2F



302F2C

Rectangle

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



2C302F



2C3031



322E2F



322E2D

Sweetspot

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



2C302F



3B3D3D



2D302C



1D1F1E



9E9E9E



1F1F1F

Same Dimension

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



2C302F



373D3C



2C2F30



151716



005741



00D6A1

Inverse Universe

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



302C2D



3D3739



302D2C



171515



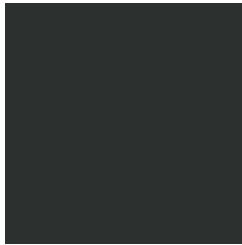
570016



D60036

Previews

White Background



This preview shows how the Hex color 2C302F looks on a white background.

Color Contrast Check

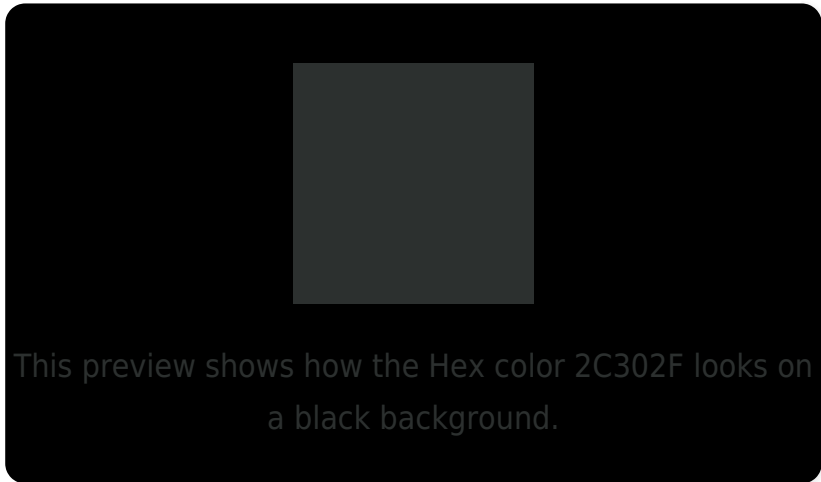
Large Text (above 18pt) WCAG AA ✓ Pass

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

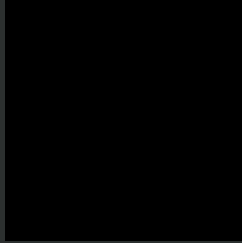
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

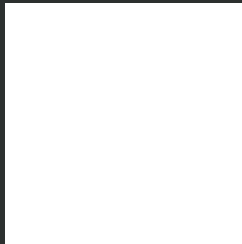
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C302F Background



This preview shows how black text looks on a background with the Hex color 2C302F.

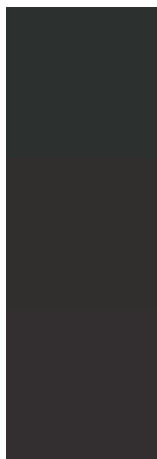


This preview shows how white text looks on a background with the Hex color 2C302F.

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
2C302F

Protanopia
302F2E

Deuteranopia
332E2F



Tritanopia
2D2F33

Trichromacy



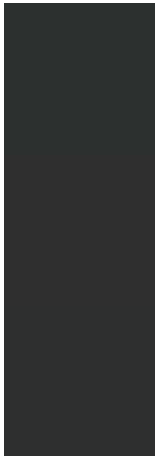
Original Color
2C302F

Protanomaly
2F2F2E

Deuteranomaly
302F2F

Tritanomaly
2D2F32

Monochromacy



Original Color
2C302F

Achromatopsia
2F2F2F

Achromatomaly
2E2F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C302F 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 #2C302F looks like.

```
.text, #text, p{  
    color:#2C302F  
}
```

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 #2C302F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C302F
}
```

Border

The CSS property to change the border of an element to Hex 2C302F is called "border". The border property can be set on classes, ids or directly on the HTML element.

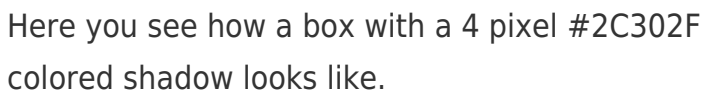
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C302F }
```

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

```
.border{ border-color:#2C302F }
```

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



Here you see how a box with a 4 pixel #2C302F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C302F; -webkit-box-shadow:4px 4px  
4px 4px #2C302F; box-shadow:4px 4px 4px  
4px #2C302F }
```

Background

The CSS property to change the background color of an element to Hex 2C302F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C302F }
```

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

```
.background{ background-color:#2C302F }
```

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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