

Converting Colors

Hex(302D30)

Have a look what the booklet for
Hex(302D30) contains.

Hex(302D30)	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(302D30)

Conversions

Conversions Part 1

Format	Color
Hex	302D30
RGB	48, 45, 48
RGB Percent	19%, 18%, 19%
CMY	0.8118, 0.8235, 0.8118
CMYK	0.00, 0.06, 0.00, 0.81
HSL	300°, 3%, 18%
HSV	300°, 6%, 19%
XYZ	2.6908, 2.7186, 3.1792
YIQ	46.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

Format	Color
RYB	48, 45, 48
Decimal	3157296
CIELab	18.88, 2.05, -1.45
CIELCh	19, 2.507, 324.686
Yxy	2.7186, 0.3133, 0.3165
Android (android.graphics.Color)	4281347376 (0xFF302D30)
YUV	46.2390, 0.8682, 1.5444
Hunter-Lab	16.4880, 0.2768, 0.1093

Details

The Hex color **302D30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D302D**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5E5B5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **302830**, and if you desaturate by 10%, it is **303230**.

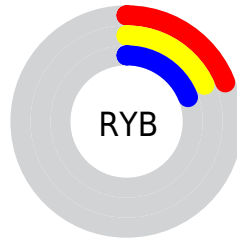
Distribution



Red (19%)

Green (18%)

Blue (19%)



Red (19%)

Yellow (18%)

Blue (19%)

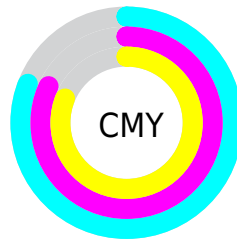


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (81%)



Cyan (81%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302D30 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 302D30 by changing the saturation by 10% instead.



302D30



302D30

FFFFFF



1B181B



5E5B5E



000000



777377



908D90



ABA7AB



C6C2C6



E2DEE2



FFFBFF



302D30



302D30

■ 302830

■ 303230

■ 302330

■ 303730

■ 301F30

■ 303B30

■ 301A30

■ 304030

■ 301530

■ 304530

■ 301030

■ 304A30

■ 300B30

■ 304F30

■ 300730

■ 305330

■ 300230

■ 305830

Harmonies

Analogous

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



2E2E31



302D30



312D2E

Triad

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



302D30



302E2A



292F2F

Complementary

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



302D30



2D302D

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.



2A2F2D



302D30



2E2E2B

Square

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



302D30



312D2B



2C2F2C



2A2F31

Rectangle

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



302D30



322D2D



2C2F2C



2A2F2F

Sweetspot

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



302D30



3D3C3D



2D2D30



1F1E1F



9E9E9E



1F1F1F

Same Dimension

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



302D30



3D393D



302D2F



171517



570057



D600D6

Inverse Universe

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



302D30



3D393D



2D302F



171517



570057



D600D6

Previews

White Background



This preview shows how the Hex color 302D30 looks on a white background.

Color Contrast Check

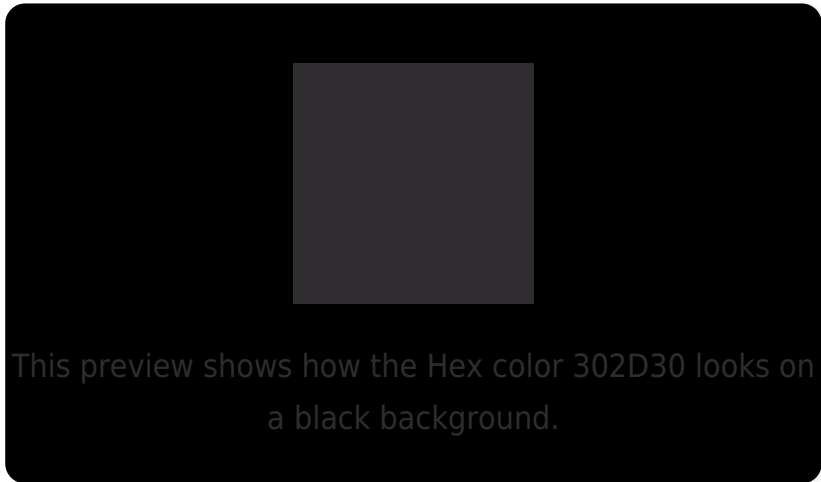
Large Text (above 18pt) WCAG AA ✓ Pass

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

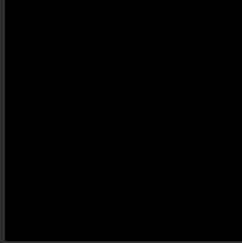
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

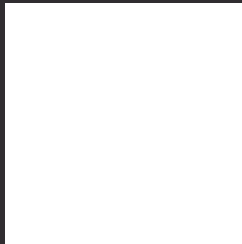
Any Text WCAG AAA × Fail

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

Hex 302D30 Background



This preview shows how black text looks on a background with the Hex color 302D30.

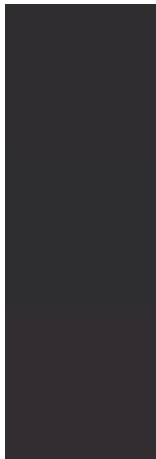


This preview shows how white text looks on a background with the Hex color 302D30.

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
302D30

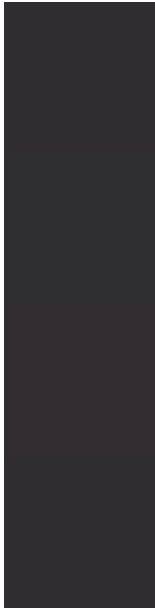
Protanopia
2E2E30

Deuteranopia
312D30



Tritanopia
302D30

Trichromacy



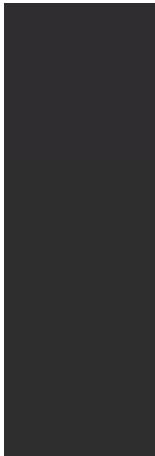
Original Color
302D30

Protanomaly
2F2E30

Deuteranomaly
312D30

Tritanomaly
302D30

Monochromacy



Original Color
302D30

Achromatopsia
2E2E2E

Achromatomaly
2F2E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 302D30 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 #302D30 looks like.

```
.text, #text, p{  
    color:#302D30  
}
```

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 #302D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302D30
}
```

Border

The CSS property to change the border of an element to Hex 302D30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

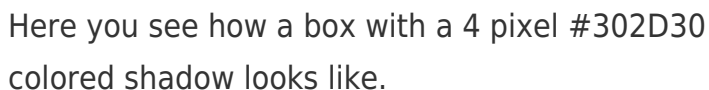
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302D30 }
```

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

```
.border{ border-color:#302D30 }
```

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



Here you see how a box with a 4 pixel #302D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302D30; -webkit-box-shadow:4px 4px  
4px 4px #302D30; box-shadow:4px 4px 4px  
4px #302D30 }
```

Background

The CSS property to change the background color of an element to Hex 302D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302D30 }
```

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

```
.background{ background-color:#302D30 }
```

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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