

Converting Colors

Hex(2D302D)

Have a look what the booklet for
Hex(2D302D) contains.

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Color

Hex(2D302D)

Conversions

Conversions Part 1

Format	Color
Hex	2D302D
RGB	45, 48, 45
RGB Percent	18%, 19%, 18%
CMY	0.8235, 0.8118, 0.8235
CMYK	0.06, 0.00, 0.06, 0.81
HSL	120°, 3%, 18%
HSV	120°, 6%, 19%
XYZ	2.6128, 2.8613, 2.8972
YIQ	46.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

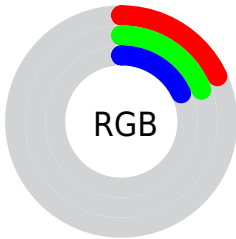
Format	Color
R_{YB}	45, 48, 48
Decimal	2961453
CIE Lab	19.48, -2.03, 1.46
CIE LCh	19, 2.500, 144.187
Yxy	2.8613, 0.3121, 0.3418
Android (android.graphics.Color)	4281151533 (0xFF2D302D)
YUV	46.7610, -0.8682, -1.5444
Hunter-Lab	16.9152, -2.0299, 1.6857

Details

The Hex color **2D302D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302D30**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5B5E5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **283028**, and if you desaturate by 10%, it is **323032**.

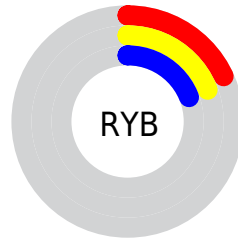
Distribution



Red (18%)

Green (19%)

Blue (18%)



Red (18%)

Yellow (19%)

Blue (19%)

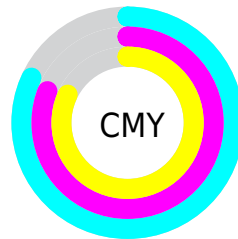


Cyan (6%)

Magenta (0%)

Yellow (6%)

Black (81%)



Cyan (82%)

Magenta (81%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D302D 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 2D302D by changing the saturation by 10% instead.

■ 2D302D

■ 2D302D

FFFFFF

■ 181B18

■ 5B5E5B

■ 000000

■ 737773

■ 8D908D

■ A7ABA7

■ C2C6C2

■ DEE2DE

■ FBFFFB

■ 2D302D

■ 2D302D

■ 283028

■ 323032

■ 233023

■ 373037

■ 1F301F

■ 3B303B

■ 1A301A

■ 403040

■ 153015

■ 453045

■ 103010

■ 4A304A

■ 0B300B

■ 4F304F

■ 073007

■ 533053

■ 023002

■ 583058

Harmonies

Analogous

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



2F302C



2D302D



2B302F

Triad

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



2D302D



2D2F33



332E2E

Complementary

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



2D302D



302D30

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.



332E30



2D302D



2F2F32

Square

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



2D302D



2B3032



312E31



332E2C

Rectangle

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



2D302D



2B3030



312E31



332E2E

Sweetspot

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



2D302D



3C3D3C



30302D



1E1F1E



9E9E9E



1F1F1F

Same Dimension

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



2D302D



393D39



2D302F



151715



005700



00D600

Inverse Universe

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



302D30



3D393D



302D2F



171517



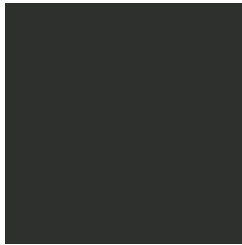
570057



D600D6

Previews

White Background



This preview shows how the Hex color 2D302D looks on a white background.

Color Contrast Check

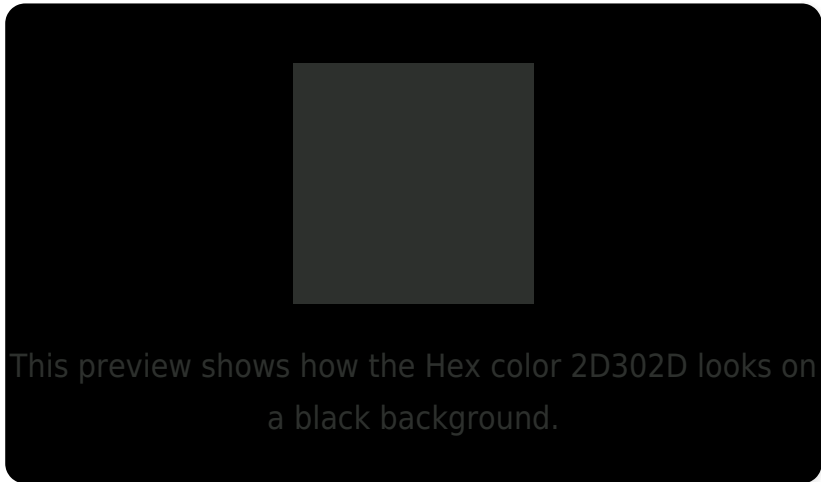
Large Text (above 18pt) WCAG AA ✓ Pass

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

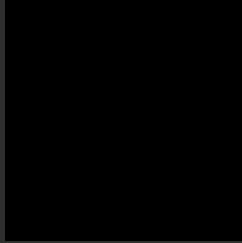
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

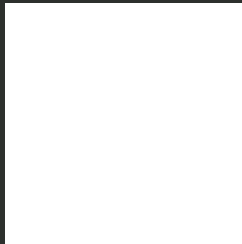
Any Text WCAG AAA × Fail

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

Hex 2D302D Background



This preview shows how black text looks on a background with the Hex color 2D302D.

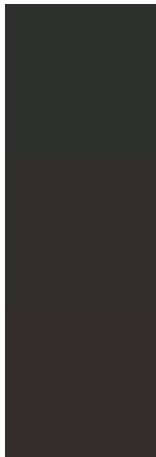


This preview shows how white text looks on a background with the Hex color 2D302D.

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
2D302D

Protanopia
312F2C

Deuteranopia
342E2D



Tritanopia
2E2F33

Trichromacy



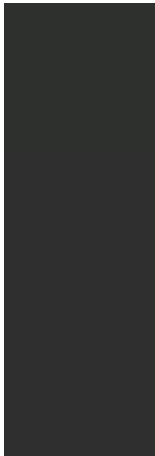
Original Color
2D302D

Protanomaly
302F2C

Deuteranomaly
312F2D

Tritanomaly
2E2F31

Monochromacy



Original Color
2D302D

Achromatopsia
2F2F2F

Achromatomaly
2E2F2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D302D 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 #2D302D looks like.

```
.text, #text, p{  
    color:#2D302D  
}
```

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 #2D302D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D302D
}
```

Border

The CSS property to change the border of an element to Hex 2D302D is called "border". The border property can be set on classes, ids or directly on the HTML element.

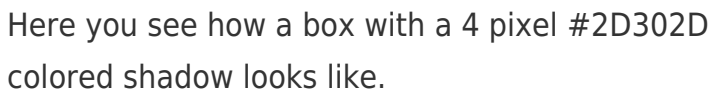
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D302D }
```

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

```
.border{ border-color:#2D302D }
```

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



Here you see how a box with a 4 pixel #2D302D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D302D; -webkit-box-shadow:4px 4px  
4px 4px #2D302D; box-shadow:4px 4px 4px  
4px #2D302D }
```

Background

The CSS property to change the background color of an element to Hex 2D302D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D302D }
```

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

```
.background{ background-color:#2D302D }
```

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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