

Converting Colors

Hex(302A30)

Have a look what the booklet for
Hex(302A30) contains.

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Color

Hex(302A30)

Conversions

Conversions Part 1

Format	Color
Hex	302A30
RGB	48, 42, 48
RGB Percent	19%, 16%, 19%
CMY	0.8118, 0.8353, 0.8118
CMYK	0.00, 0.13, 0.00, 0.81
HSL	300°, 7%, 18%
HSV	300°, 12%, 19%
XYZ	2.5804, 2.4977, 3.1424
YIQ	44.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

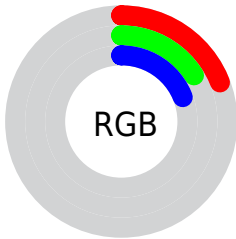
Format	Color
R_{YB}	48, 42, 48
Decimal	3156528
CIE Lab	17.91, 4.12, -2.89
CIE LCh	18, 5.028, 324.987
Yxy	2.4977, 0.3139, 0.3038
Android (android.graphics.Color)	4281346608 (0xFF302A30)
YUV	44.4780, 1.7363, 3.0888
Hunter-Lab	15.8041, 1.4870, -0.7260

Details

The Hex color **302A30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A302A**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5E575E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **302530**, and if you desaturate by 10%, it is **302F30**.

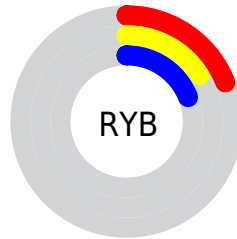
Distribution



Red (19%)

Green (16%)

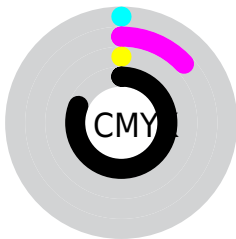
Blue (19%)



Red (19%)

Yellow (16%)

Blue (19%)

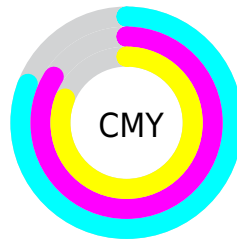


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (81%)



Cyan (81%)

Magenta (84%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302A30 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 302A30 by changing the saturation by 10% instead.

■ 302A30

■ 302A30

FFFFFF

■ 1B161B

■ 5E575E

■ 000000

■ 777077

■ 908990

■ ABA3AB

■ C6BEC6

■ E2DAE2

■ FFF7FF

■ 302A30

■ 302A30

■ 302530

■ 302F30

■ 302030

■ 303430

■ 301C30

■ 303830

■ 301730

■ 303D30

■ 301230

■ 304230

■ 300D30

■ 304730

■ 300830

■ 304C30

■ 300430

■ 305030

■ 300030

■ 305530

Harmonies

Analogous

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



2C2B32



302A30



33292D

Triad

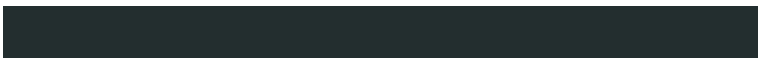
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



302A30



2F2B25



232E2F

Complementary

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



302A30



2A302A

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.



242E2B



302A30



2B2D25

Square

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



302A30



322A26



272D28



242D32

Rectangle

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



302A30



34292A



272D28



232E2E

Sweetspot

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



302A30



3D3B3D



2A2A30



1F1D1F



9E9E9E



1F1F1F

Same Dimension

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



302A30



3D343D



302A2D



171517



570057



D600D6

Inverse Universe

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



302A30



3D343D



2A302D



171517



570057



D600D6

Previews

White Background



This preview shows how the Hex color 302A30 looks on a white background.

Color Contrast Check

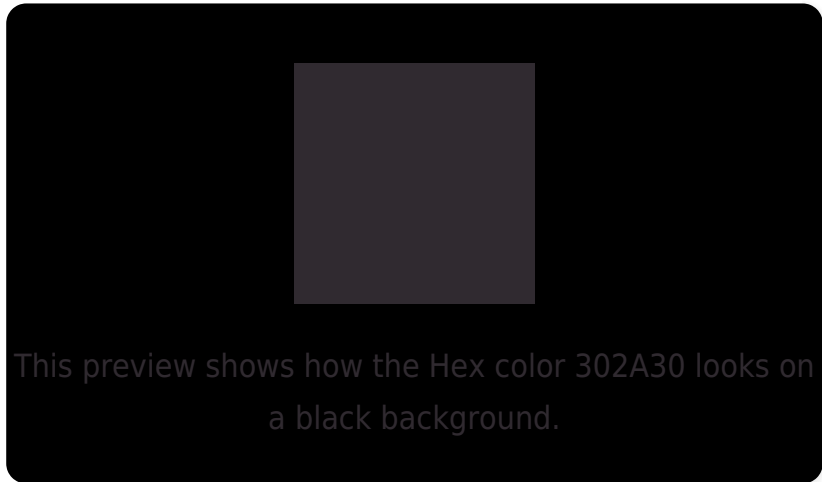
Large Text (above 18pt) WCAG AA ✓ Pass

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

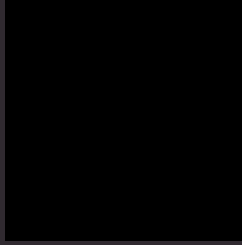
Any Text WCAG AA × Fail

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 302A30 Background



This preview shows how black text looks on a background with the Hex color 302A30.



This preview shows how white text looks on a background with the Hex color 302A30.

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
302A30

Protanopia
2B2C31

Deuteranopia
2E2B30



Tritanopia
302A2E

Trichromacy



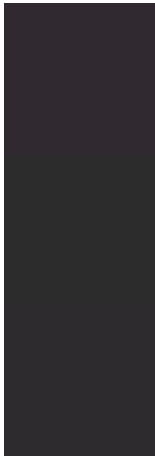
Original Color
302A30

Protanomaly
2D2B31

Deuteranomaly
2F2B30

Tritanomaly
302A2F

Monochromacy



Original Color
302A30

Achromatopsia
2C2C2C

Achromatomaly
2D2B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 302A30 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 #302A30 looks like.

```
.text, #text, p{  
    color:#302A30  
}
```

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 #302A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302A30
}
```

Border

The CSS property to change the border of an element to Hex 302A30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

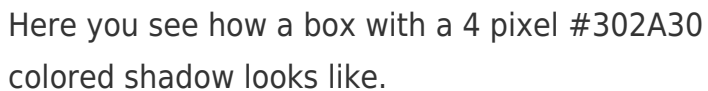
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302A30 }
```

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

```
.border{ border-color:#302A30 }
```

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



Here you see how a box with a 4 pixel #302A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302A30; -webkit-box-shadow:4px 4px  
4px 4px #302A30; box-shadow:4px 4px 4px  
4px #302A30 }
```

Background

The CSS property to change the background color of an element to Hex 302A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302A30 }
```

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

```
.background{ background-color:#302A30 }
```

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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