

Converting Colors

Hex(302B04)

Have a look what the booklet for
Hex(302B04) contains.

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Color

Hex(302B04)

Conversions

Conversions Part 1

Format	Color
Hex	302B04
RGB	48, 43, 4
RGB Percent	19%, 17%, 2%
CMY	0.8118, 0.8314, 0.9843
CMYK	0.00, 0.10, 0.92, 0.81
HSL	53°, 85%, 10%
HSV	53°, 92%, 19%
XYZ	2.1047, 2.3649, 0.4604
YIQ	40.0490, 15.4990, -11.0690

Conversions

Conversions Part 2

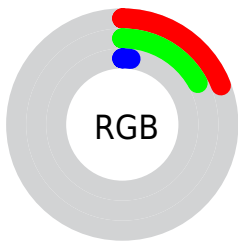
Format	Color
RYB	10, 48, 4
Decimal	3156740
CIELab	17.30, -3.11, 23.24
CIELCh	17, 23.443, 97.627
Yxy	2.3649, 0.4269, 0.4797
Android (android.graphics.Color)	4281346820 (0xFF302B04)
YUV	40.0490, -17.7722, 6.9730
Hunter-Lab	15.3782, -2.4818, 8.9897

Details

The Hex color **302B04** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **040930**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **605832**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **302B00**, and if you desaturate by 10%, it is **302C09**.

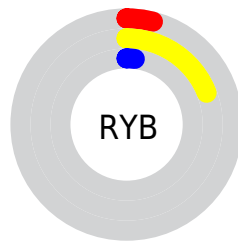
Distribution



Red (19%)

Green (17%)

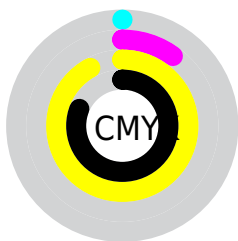
Blue (2%)



Red (4%)

Yellow (19%)

Blue (2%)

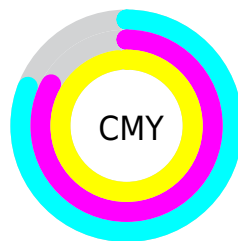


Cyan (0%)

Magenta (10%)

Yellow (92%)

Black (81%)



Cyan (81%)

Magenta (83%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302B04 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 302B04 by changing the saturation by 10% instead.

 302B04

 302B04

 FFFFE6

 191700

 605832

 000000

 797149

 938A61

 AEA47A

 CABF94

 E6DBAF

 FFF8CA

 302B04

 302B04

■ 302B00

■ 302C09

■ 302C0E

■ 302D12

■ 302D17

■ 302E1C

■ 302E21

■ 302F26

■ 302F2A

■ 30302F

Harmonies

Analogous

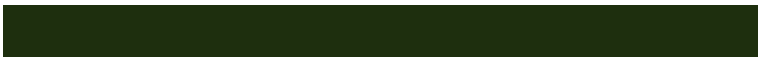
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3E2509



302B04



1E2F0E

Triad

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



302B04



00323F



421E38

Complementary

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



302B04



040930

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.



312445



302B04



003049

Square

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



302B04



00332E



112B4C



491B27

Rectangle

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



302B04



0D3118



112B4C



3E203D

Sweetspot

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



302B04



3D3B2C



300409



1F1D14



9E9E9E



1F1F1F

Same Dimension

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



302B04



3D3600



1F3004



171715



574D00



D6BE00

Inverse Universe

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



040930



00073D



150430



151517



000A57



0018D6

Previews

White Background



This preview shows how the Hex color 302B04 looks on a white background.

Color Contrast Check

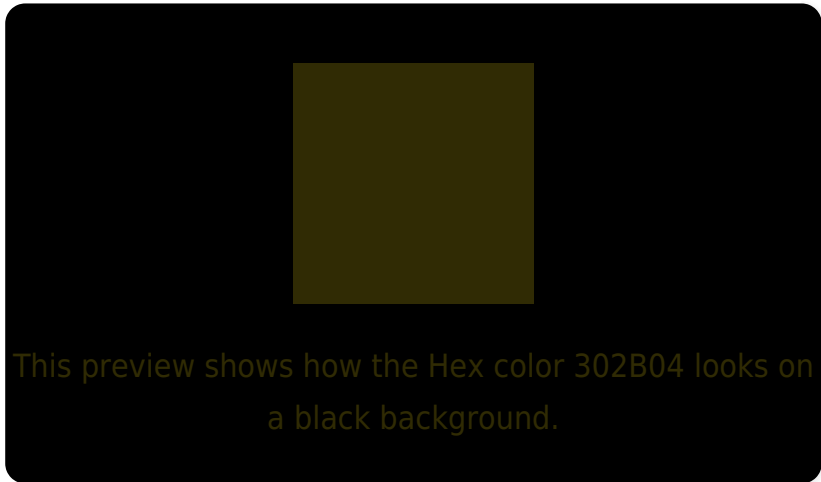
Large Text (above 18pt) WCAG AA ✓ Pass

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

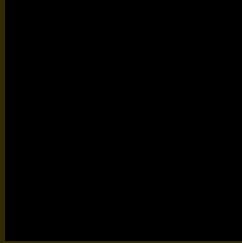
Any Text WCAG AA × Fail

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 302B04 Background



This preview shows how black text looks on a background with the Hex color 302B04.



This preview shows how white text looks on a background with the Hex color 302B04.

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
302B04

Protanopia
302B04

Deuteranopia
362907



Tritanopia
33282B

Trichromacy



Original Color
302B04

Protanomaly
302B04

Deuteranomaly
342A06

Tritanomaly
32291D

Monochromacy



Original Color
302B04

Achromatopsia
282828

Achromatomaly
2B291B

CSS Examples

Text

The CSS property to change the color of the text to Hex 302B04 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 #302B04 looks like.

```
.text, #text, p{  
    color:#302B04  
}
```

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 #302B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302B04
}
```

Border

The CSS property to change the border of an element to Hex 302B04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

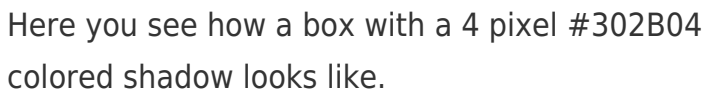
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302B04 }
```

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

```
.border{ border-color:#302B04 }
```

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



Here you see how a box with a 4 pixel #302B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302B04; -webkit-box-shadow:4px 4px  
4px 4px #302B04; box-shadow:4px 4px 4px  
4px #302B04 }
```

Background

The CSS property to change the background color of an element to Hex 302B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302B04 }
```

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

```
.background{ background-color:#302B04 }
```

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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