

Converting Colors

Hex(302D07)

Have a look what the booklet for
Hex(302D07) contains.

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Color

Hex(302D07)

Conversions

Conversions Part 1

Format	Color
Hex	302D07
RGB	48, 45, 7
RGB Percent	19%, 18%, 3%
CMY	0.8118, 0.8235, 0.9725
CMYK	0.00, 0.06, 0.85, 0.81
HSL	56°, 75%, 11%
HSV	56°, 85%, 19%
XYZ	2.1957, 2.5205, 0.5718
YIQ	41.5650, 13.9860, -11.1820

Conversions

Conversions Part 2

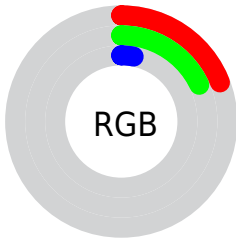
Format	Color
R_{YB}	10, 48, 7
Decimal	3157255
CIE Lab	18.01, -4.20, 22.87
CIE LCh	18, 23.257, 100.400
Yxy	2.5205, 0.4152, 0.4766
Android (android.graphics.Color)	4281347335 (0xFF302D07)
YUV	41.5650, -17.0405, 5.6435
Hunter-Lab	15.8761, -3.0965, 8.9778

Details

The Hex color **302D07** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **070A30**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **605A34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **302D02**, and if you desaturate by 10%, it is **302D0C**.

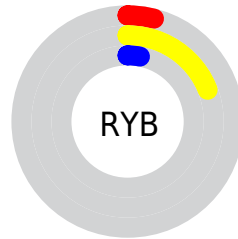
Distribution



Red (19%)

Green (18%)

Blue (3%)



Red (4%)

Yellow (19%)

Blue (3%)

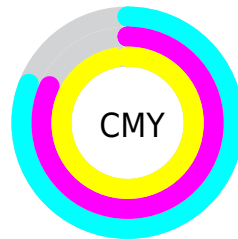


Cyan (0%)

Magenta (6%)

Yellow (85%)

Black (81%)



Cyan (81%)

Magenta (82%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302D07 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 302D07 by changing the saturation by 10% instead.

 302D07

 302D07

 FFFFE9

 1A1900

 605A34

 000000

 79734B

 938C63

 AEA77C

 CAC296

 E6DEB1

 FFFACD

 302D07

 302D07

■ 302D02

■ 302D0C

■ 302C00

■ 302E11

■ 302E15

■ 302E1A

■ 302F1F

■ 302F24

■ 302F29

■ 30302D

■ 303032

Harmonies

Analogous

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



3E270A



302D07



1E3111

Triad

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



302D07



003441



451F38

Complementary

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



302D07



070A30

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.



352546



302D07



00314B

Square

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



302D07



003432



182C4D



4B1D27

Rectangle

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



302D07



0D331B



182C4D



41213D

Sweetspot

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



302D07



3D3C2D



30070A



1F1E15



9E9E9E



1F1F1F

Same Dimension

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



302D07



3D3900



1F3007



171715



575000



D6C700

Inverse Universe

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



070A30



00043D



180730



151517



000657



0010D6

Previews

White Background



This preview shows how the Hex color 302D07 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

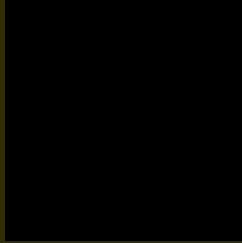
Any Text WCAG AA × Fail

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 302D07 Background



This preview shows how black text looks on a background with the Hex color 302D07.



This preview shows how white text looks on a background with the Hex color 302D07.

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
302D07

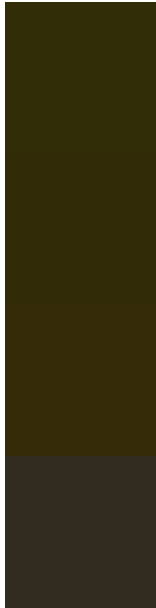
Protanopia
322C07

Deuteranopia
382A09



Tritanopia
332A2D

Trichromacy



Original Color
302D07

Protanomaly
312C07

Deuteranomaly
352B08

Tritanomaly
322B1F

Monochromacy



Original Color
302D07

Achromatopsia
2A2A2A

Achromatomaly
2C2B1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 302D07 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 #302D07 looks like.

```
.text, #text, p{  
    color:#302D07  
}
```

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 #302D07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302D07  
}
```

Border

The CSS property to change the border of an element to Hex 302D07 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  
#302D07 }
```

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

```
.border{ border-color:#302D07 }
```

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

Here you see how a box with a 4 pixel #302D07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302D07; -webkit-box-shadow:4px 4px  
4px 4px #302D07; box-shadow:4px 4px 4px  
4px #302D07 }
```

Background

The CSS property to change the background color of an element to Hex 302D07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302D07 }
```

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

```
.background{ background-color:#302D07 }
```

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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