

Converting Colors

Hex(302A24)

Have a look what the booklet for
Hex(302A24) contains.

Hex(302A24)	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(302A24)

Conversions

Conversions Part 1

Format	Color
Hex	302A24
RGB	48, 42, 36
RGB Percent	19%, 16%, 14%
CMY	0.8118, 0.8353, 0.8588
CMYK	0.00, 0.13, 0.25, 0.81
HSL	30°, 14%, 16%
HSV	30°, 25%, 19%
XYZ	2.3653, 2.4117, 2.0099
YIQ	43.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

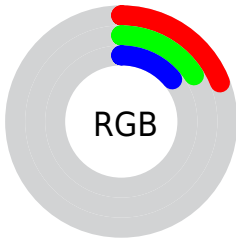
Format	Color
RYB	48, 48, 36
Decimal	3156516
CIELab	17.51, 1.52, 4.93
CIELCh	18, 5.156, 72.859
Yxy	2.4117, 0.3485, 0.3553
Android (android.graphics.Color)	4281346596 (0xFF302A24)
YUV	43.1100, -3.5052, 4.2885
Hunter-Lab	15.5296, 0.0107, 3.1972

Details

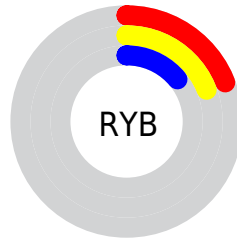
The Hex color **302A24** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **242A30**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5E5750**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **30281F**, and if you desaturate by 10%, it is **302C29**.

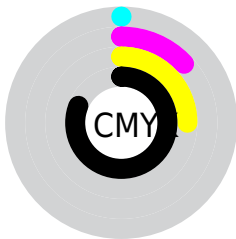
Distribution



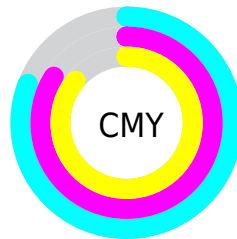
- Red (19%)
- Green (16%)
- Blue (14%)



- Red (19%)
- Yellow (19%)
- Blue (14%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (81%)



- Cyan (81%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302A24 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 302A24 by changing the saturation by 10% instead.



302A24



302A24

FFFFFF



1B160F



5E5750



000000



777069



918982



ABA39C



C6BEB6



E2DAD2



FFF7EE



302A24



302A24

■ 30281F

■ 302C29

■ 30251A

■ 302F2E

■ 302316

■ 303132

■ 302011

■ 303437

■ 301E0C

■ 30363C

■ 301C07

■ 303841

■ 301902

■ 303B46

■ 301800

■ 303D4A

■ 30404F

Harmonies

Analogous

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



322926



302A24



2C2B24

Triad

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



302A24



222D2C



2E2A30

Complementary

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



302A24



242A30

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.



292B32



302A24



222D30

Square

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



302A24



242D29



252C32



31292D

Rectangle

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



302A24



292C25



252C32



2C2A31

Sweetspot

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



302A24



3D3B38



30242A



1F1D1C



9E9E9E



1F1F1F

Same Dimension

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



302A24



3D342B



303024



171615



572B00



D66B00

Inverse Universe

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



242A30



2B343D



242430



151617



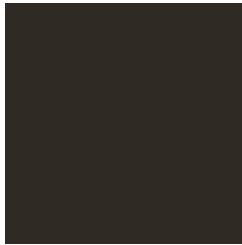
002B57



006BD6

Previews

White Background



This preview shows how the Hex color 302A24 looks on a white background.

Color Contrast Check

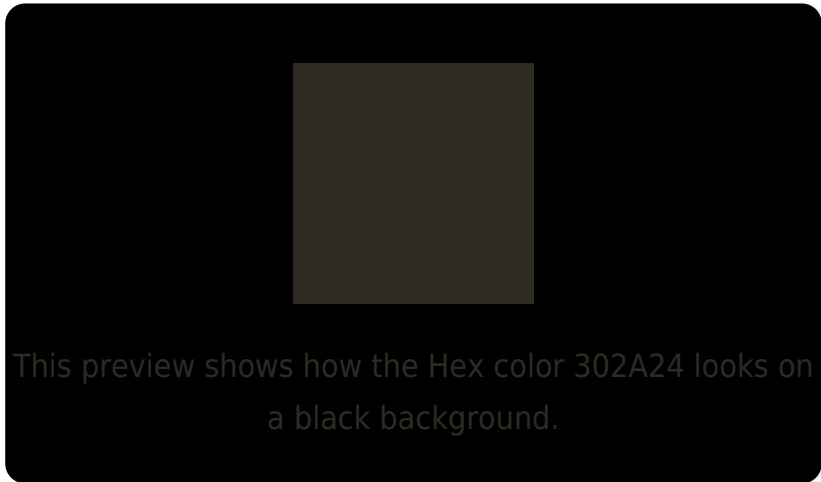
Large Text (above 18pt) WCAG AA ✓ Pass

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

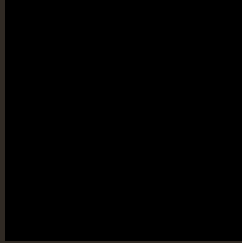
Any Text WCAG AA × Fail

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 302A24 Background



This preview shows how black text looks on a background with the Hex color 302A24.

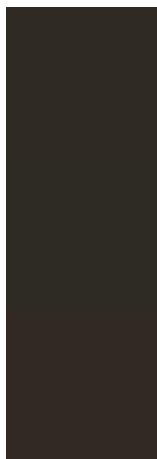


This preview shows how white text looks on a background with the Hex color 302A24.

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
302A24

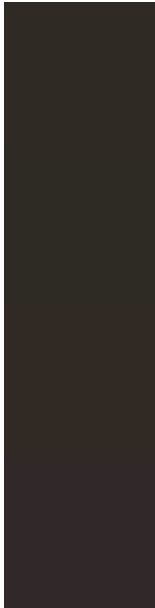
Protanopia
2D2B24

Deuteranopia
322924



Tritanopia
31292C

Trichromacy



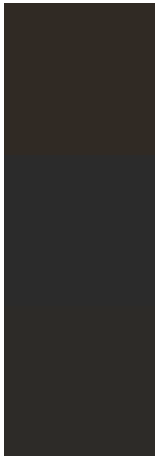
Original Color
302A24

Protanomaly
2E2B24

Deuteranomaly
312924

Tritanomaly
312929

Monochromacy



Original Color
302A24

Achromatopsia
2B2B2B

Achromatomaly
2D2B28

CSS Examples

Text

The CSS property to change the color of the text to Hex 302A24 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 #302A24 looks like.

```
.text, #text, p{  
    color:#302A24  
}
```

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 #302A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302A24
}
```

Border

The CSS property to change the border of an element to Hex 302A24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

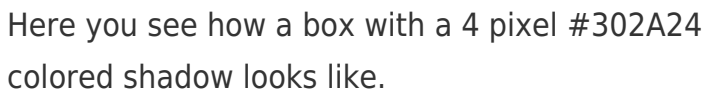
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302A24 }
```

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

```
.border{ border-color:#302A24 }
```

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



Here you see how a box with a 4 pixel #302A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302A24; -webkit-box-shadow:4px 4px  
4px 4px #302A24; box-shadow:4px 4px 4px  
4px #302A24 }
```

Background

The CSS property to change the background color of an element to Hex 302A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302A24 }
```

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

```
.background{ background-color:#302A24 }
```

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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