

Converting Colors

Hex(302119)

Have a look what the booklet for
Hex(302119) contains.

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Color

Hex(302119)

Conversions

Conversions Part 1

Format	Color
Hex	302119
RGB	48, 33, 25
RGB Percent	19%, 13%, 10%
CMY	0.8118, 0.8706, 0.9020
CMYK	0.00, 0.31, 0.48, 0.81
HSL	21°, 32%, 14%
HSV	21°, 48%, 19%
XYZ	1.9382, 1.7863, 1.1623
YIQ	36.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

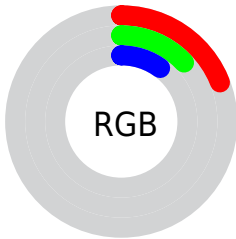
Format	Color
R_YB	48, 37, 25
Decimal	3154201
CIE Lab	14.32, 5.90, 8.24
CIE LCh	14, 10.138, 54.411
Yxy	1.7863, 0.3966, 0.3655
Android (android.graphics.Color)	4281344281 (0xFF302119)
YUV	36.5730, -5.7055, 10.0215
Hunter-Lab	13.3652, 2.4974, 4.1993

Details

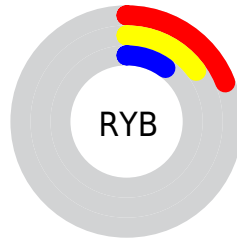
The Hex color **302119** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **192830**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5F4D44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301E14**, and if you desaturate by 10%, it is **30241E**.

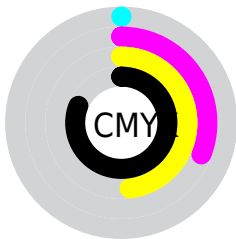
Distribution



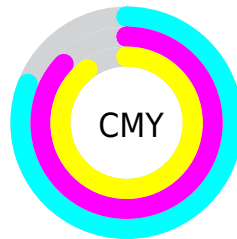
- Red (19%)
- Green (13%)
- Blue (10%)



- Red (19%)
- Yellow (15%)
- Blue (10%)



- Cyan (0%)
- Magenta (31%)
- Yellow (48%)
- Black (81%)



- Cyan (81%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302119 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 302119 by changing the saturation by 10% instead.

■ 302119

■ 302119

FFFFFC

■ 1D0A00

■ 5F4D44

■ 000000

■ 78655B

■ 927E74

■ AD988E

■ C8B3A8

■ E4CEC3

■ FFEADF

■ 302119

■ 302119

■ 301E14

■ 30241E

■ 301B0F

■ 302723

■ 30180B

■ 302A27

■ 301406

■ 302E2C

■ 301101

■ 303131

■ 301100

■ 303436

■ 30373B

■ 303A3F

■ 303D44

Harmonies

Analogous

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



331F1F



302119



2B2316

Triad

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



302119



132823



242331

Complementary

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



302119



192830

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.



192532



302119



0E282A

Square

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



302119



1B271C



112730



2C212D

Rectangle

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



302119



262516



112730



202432

Sweetspot

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



302119



3D3835



301928



1F1B19



9E9E9E



1F1F1F

Same Dimension

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



302119



3D261A



302C19



171515



571E00



D64B00

Inverse Universe

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



192830



1A313D



191D30



151617



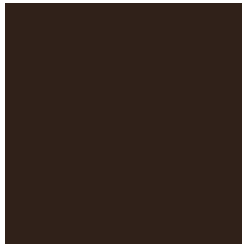
003957



008CD6

Previews

White Background



This preview shows how the Hex color 302119 looks on a white background.

Color Contrast Check

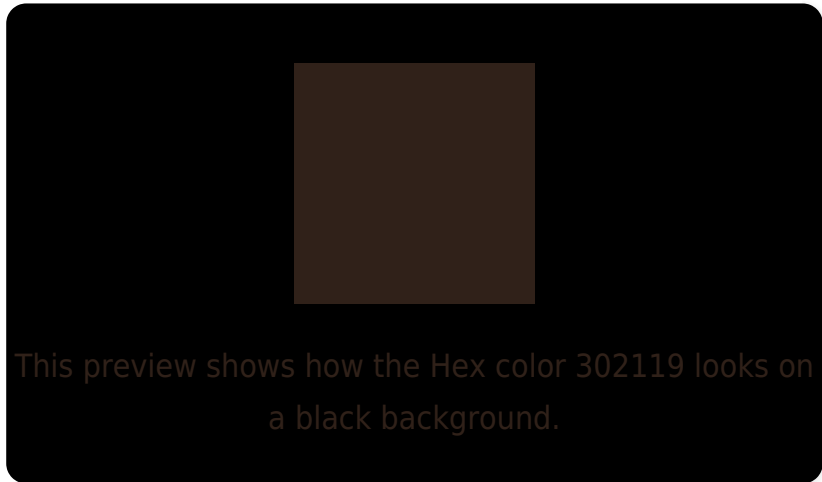
Large Text (above 18pt) WCAG AA ✓ Pass

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

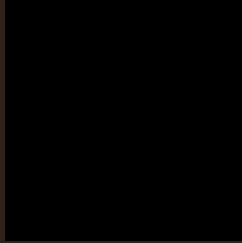
Any Text WCAG AA × Fail

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 302119 Background



This preview shows how black text looks on a background with the Hex color 302119.

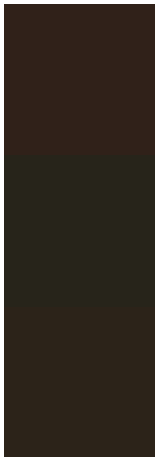


This preview shows how white text looks on a background with the Hex color 302119.

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

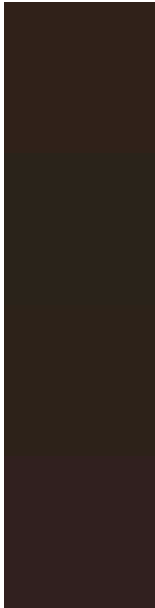


Original Color
302119

Protanopia
27241A

Deuteranopia
2C2319

Trichromacy



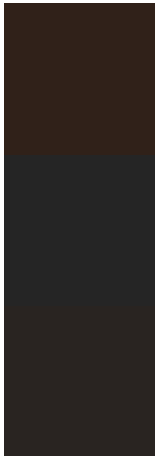
Original Color
302119

Protanomaly
2A231A

Deuteranomaly
2D2219

Tritanomaly
31201F

Monochromacy



Original Color
302119

Achromatopsia
252525

Achromatomaly
292421

CSS Examples

Text

The CSS property to change the color of the text to Hex 302119 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 #302119 looks like.

```
.text, #text, p{  
    color:#302119  
}
```

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 #302119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302119
}
```

Border

The CSS property to change the border of an element to Hex 302119 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
#302119 }
```

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

```
.border{ border-color:#302119 }
```

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

Here you see how a box with a 4 pixel #302119 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302119; -webkit-box-shadow:4px 4px  
4px 4px #302119; box-shadow:4px 4px 4px  
4px #302119 }
```

Background

The CSS property to change the background color of an element to Hex 302119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302119 }
```

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

```
.background{ background-color:#302119 }
```

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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