

Converting Colors

Hex(2D321F)

Have a look what the booklet for
Hex(2D321F) contains.

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Color

Hex(2D321F)

Conversions

Conversions Part 1

Format	Color
Hex	2D321F
RGB	45, 50, 31
RGB Percent	18%, 20%, 12%
CMY	0.8235, 0.8039, 0.8784
CMYK	0.10, 0.00, 0.38, 0.80
HSL	76°, 23%, 16%
HSV	76°, 38%, 20%
XYZ	2.4701, 2.9380, 1.7332
YIQ	46.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

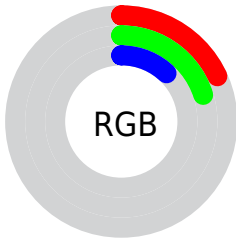
Format	Color
R_{YB}	31, 50, 36
Decimal	2961951
CIE Lab	19.79, -6.18, 11.40
CIE LCh	20, 12.971, 118.463
Yxy	2.9380, 0.3459, 0.4114
Android (android.graphics.Color)	4281152031 (0xFF2D321F)
YUV	46.3390, -7.5621, -1.1743
Hunter-Lab	17.1407, -4.2728, 6.0032

Details

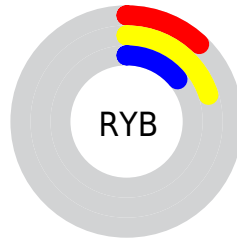
The Hex color **2D321F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **241F32**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5B604B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C321A**, and if you desaturate by 10%, it is **2E3224**.

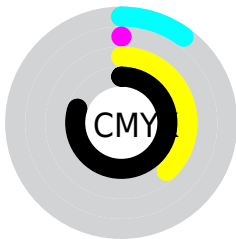
Distribution



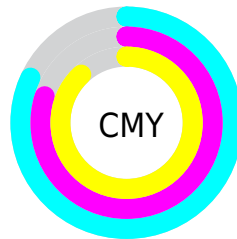
- Red (18%)
- Green (20%)
- Blue (12%)



- Red (12%)
- Yellow (20%)
- Blue (14%)



- Cyan (10%)
- Magenta (0%)
- Yellow (38%)
- Black (80%)



- Cyan (82%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D321F 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 2D321F by changing the saturation by 10% instead.

■ 2D321F

■ 2D321F

FFFFFF

■ 191D08

■ 5B604B

■ 000000

■ 747963

■ 8D937C

■ A8AD96

■ C3C9B0

■ DFE5CC

■ FCFE8

■ 2D321F

■ 2D321F

■ 2C321A

■ 2E3224

■ 2A3215

■ 303229

■ 293210

■ 31322E

■ 28320B

■ 323233

■ 263206

■ 343238

■ 253201

■ 35323D

■ 253200

■ 363242

■ 383247

■ 39324C

Harmonies

Analogous

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



372F1D



2D321F



223426

Triad

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



2D321F



163340



422931

Complementary

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



2D321F



241F32

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.



3B2A3A



2D321F



233143

Square

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



2D321F



113539



302E40



422927

Rectangle

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



2D321F



1B352C



302E40



402934

Sweetspot

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



2D321F



3E4039



32241F



20211D



A1A1A1



212121

Same Dimension

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



2D321F



384022



24321F



191A17



425900



A0D900

Inverse Universe

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



241F32



2A2240



2D1F32



18171A



170059



3900D9

Previews

White Background



This preview shows how the Hex color 2D321F looks on a white background.

Color Contrast Check

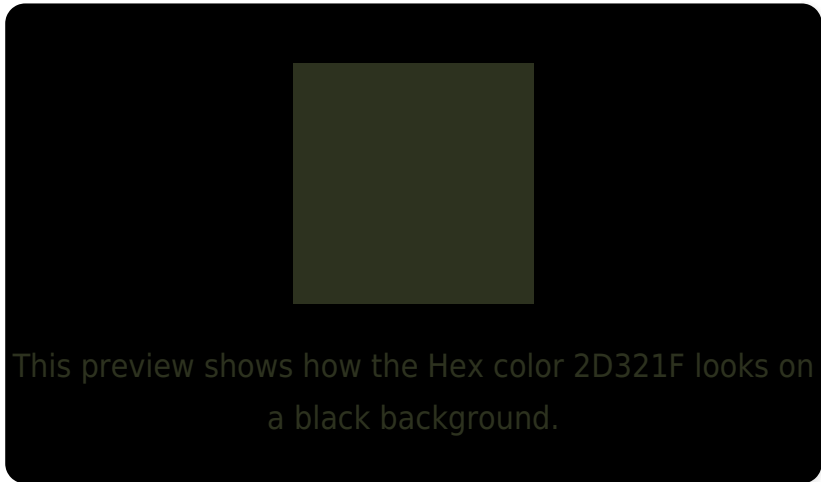
Large Text (above 18pt) WCAG AA ✓ Pass

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

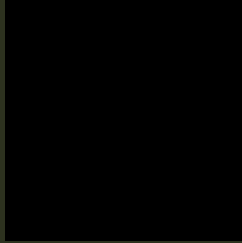
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

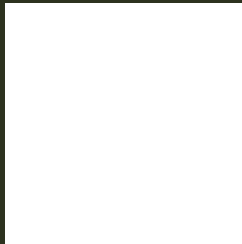
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D321F Background



This preview shows how black text looks on a background with the Hex color 2D321F.

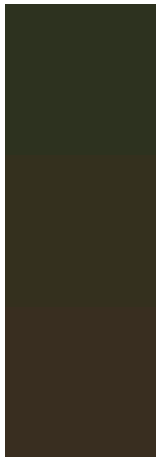


This preview shows how white text looks on a background with the Hex color 2D321F.

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](#).

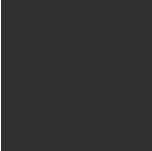
Dichromacy



Original Color
2D321F

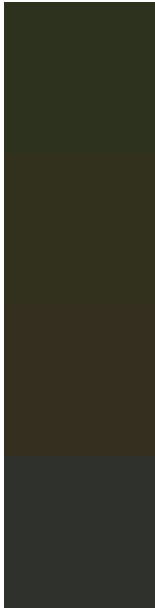
Protanopia
34301E

Deuteranopia
392E20



Tritanopia
303033

Trichromacy



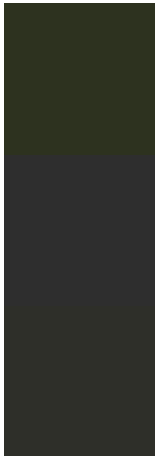
Original Color
2D321F

Protanomaly
31311E

Deuteranomaly
352F20

Tritanomaly
2F312C

Monochromacy



Original Color
2D321F

Achromatopsia
2E2E2E

Achromatomaly
2E2F29

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D321F 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 #2D321F looks like.

```
.text, #text, p{  
    color:#2D321F  
}
```

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 #2D321F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D321F
}
```

Border

The CSS property to change the border of an element to Hex 2D321F 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
#2D321F }
```

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

```
.border{ border-color:#2D321F }
```

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

Here you see how a box with a 4 pixel #2D321F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D321F; -webkit-box-shadow:4px 4px  
4px 4px #2D321F; box-shadow:4px 4px 4px  
4px #2D321F }
```

Background

The CSS property to change the background color of an element to Hex 2D321F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D321F }
```

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

```
.background{ background-color:#2D321F }
```

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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