

Converting Colors

Hex(2D261F)

Have a look what the booklet for
Hex(2D261F) contains.

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Color

Hex(2D261F)

Conversions

Conversions Part 1

Format	Color
Hex	2D261F
RGB	45, 38, 31
RGB Percent	18%, 15%, 12%
CMY	0.8235, 0.8510, 0.8784
CMYK	0.00, 0.16, 0.31, 0.82
HSL	30°, 18%, 15%
HSV	30°, 31%, 18%
XYZ	2.0226, 2.0430, 1.5841
YIQ	39.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

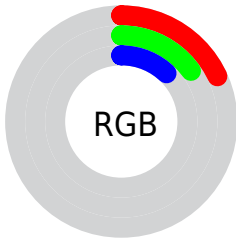
Format	Color
RYB	45, 45, 31
Decimal	2958879
CIELab	15.71, 1.87, 5.85
CIELCh	16, 6.142, 72.280
Yxy	2.0430, 0.3580, 0.3616
Android (android.graphics.Color)	4281148959 (0xFF2D261F)
YUV	39.2950, -4.0894, 5.0033
Hunter-Lab	14.2935, 0.2453, 3.4347

Details

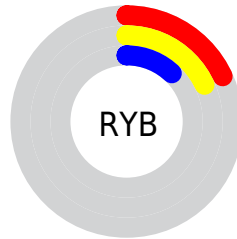
The Hex color **2D261F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F262D**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5B534B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D241A**, and if you desaturate by 10%, it is **2D2824**.

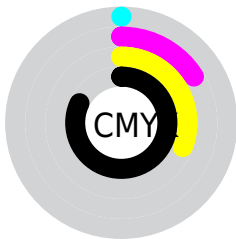
Distribution



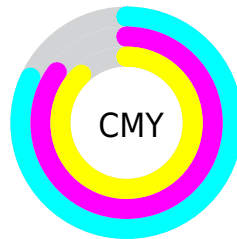
- Red (18%)
- Green (15%)
- Blue (12%)



- Red (18%)
- Yellow (18%)
- Blue (12%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (82%)



- Cyan (82%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D261F 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 2D261F by changing the saturation by 10% instead.

■ 2D261F

■ 2D261F

FFFFFF

■ 191107

■ 5B534B

■ 000000

■ 746B63

■ 8D847B

■ A89E95

■ C3B9B0

■ DFD5CB

■ FBF1E7

■ 2D261F

■ 2D261F

■ 2D241A

■ 2D2824

■ 2D2216

■ 2D2B28

■ 2D1F11

■ 2D2D2D

■ 2D1D0D

■ 2D2F31

■ 2D1B09

■ 2D3136

■ 2D1804

■ 2D343A

■ 2D1600

■ 2D363F

■ 2D3843

■ 2D3A48

Harmonies

Analogous

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



302522



2D261F



29271F

Triad

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



2D261F



1C2A29



2A252E

Complementary

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



2D261F



1F262D

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.



252730



2D261F



1C292D

Square

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



2D261F



1F2924



1F282F



2E242A

Rectangle

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



2D261F



252820



1F282F



28262E

Sweetspot

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



2D261F



3B3835



2D1F26



1F1D1B



9E9E9E



1F1F1F

Same Dimension

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



2D261F



3B3025



2D2D1F



171615



572B00



D66B00

Inverse Universe

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



1F262D



25303B



1F1F2D



151617



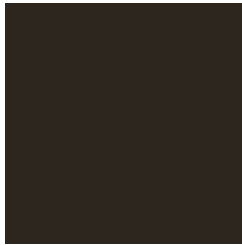
002B57



006BD6

Previews

White Background



This preview shows how the Hex color 2D261F 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

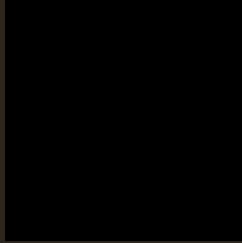
Any Text WCAG AA × Fail

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 2D261F Background



This preview shows how black text looks on a background with the Hex color 2D261F.

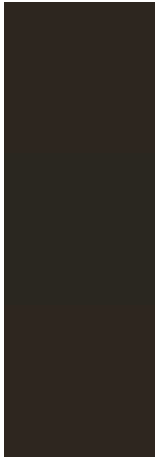


This preview shows how white text looks on a background with the Hex color 2D261F.

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
2D261F

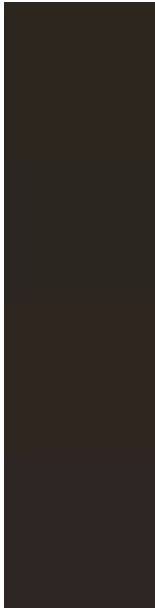
Protanopia
2A2720

Deuteranopia
2E261F



Tritanopia
2E2528

Trichromacy



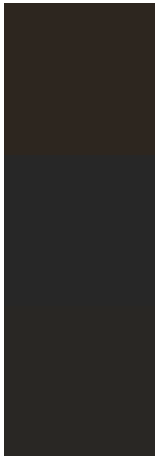
Original Color
2D261F

Protanomaly
2B2720

Deuteranomaly
2E261F

Tritanomaly
2E2525

Monochromacy



Original Color
2D261F

Achromatopsia
272727

Achromatomaly
292724

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D261F 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 #2D261F looks like.

```
.text, #text, p{  
    color:#2D261F  
}
```

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 #2D261F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D261F
}
```

Border

The CSS property to change the border of an element to Hex 2D261F is called "border". The border property can be set on classes, ids or directly on the HTML element.

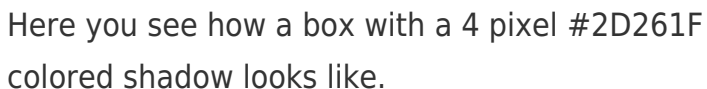
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D261F }
```

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

```
.border{ border-color:#2D261F }
```

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



Here you see how a box with a 4 pixel #2D261F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D261F; -webkit-box-shadow:4px 4px  
4px 4px #2D261F; box-shadow:4px 4px 4px  
4px #2D261F }
```

Background

The CSS property to change the background color of an element to Hex 2D261F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D261F }
```

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

```
.background{ background-color:#2D261F }
```

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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