

Converting Colors

Hex(2D211E)

Have a look what the booklet for
Hex(2D211E) contains.

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Color

Hex(2D211E)

Conversions

Conversions Part 1

Format	Color
Hex	2D211E
RGB	45, 33, 30
RGB Percent	18%, 13%, 12%
CMY	0.8235, 0.8706, 0.8824
CMYK	0.00, 0.27, 0.33, 0.82
HSL	12°, 20%, 15%
HSV	12°, 33%, 18%
XYZ	1.8604, 1.7393, 1.4660
YIQ	36.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

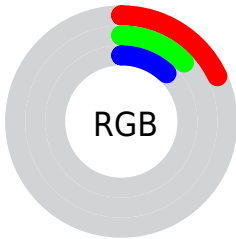
Format	Color
RYB	45, 34, 30
Decimal	2957598
CIELab	14.06, 5.20, 4.24
CIELCh	14, 6.710, 39.190
Yxy	1.7393, 0.3673, 0.3434
Android (android.graphics.Color)	4281147678 (0xFF2D211E)
YUV	36.2460, -3.0793, 7.6773
Hunter-Lab	13.1884, 2.1000, 2.6414

Details

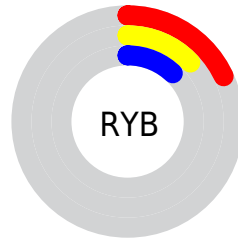
The Hex color **2D211E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E2A2D**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5B4D4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D1D1A**, and if you desaturate by 10%, it is **2D2523**.

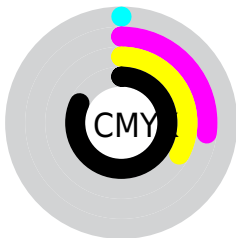
Distribution



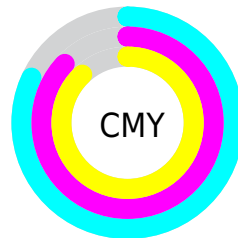
- Red (18%)
- Green (13%)
- Blue (12%)



- Red (18%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (82%)



- Cyan (82%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D211E 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 2D211E by changing the saturation by 10% instead.

■ 2D211E

■ 2D211E

FFFFFF

■ 1A0A05

■ 5B4D4A

■ 000000

■ 746561

■ 8D7E7A

■ A89894

■ C3B3AE

■ DFCECA

■ FCEAE6

■ 2D211E

■ 2D211E

■ 2D1D1A

■ 2D2523

■ 2D1A15

■ 2D2827

■ 2D1611

■ 2D2C2C

■ 2D130C

■ 2D2F30

■ 2D0F07

■ 2D3335

■ 2D0B03

■ 2D3739

■ 2D0900

■ 2D3A3E

■ 2D3E42

■ 2D4147

Harmonies

Analogous

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



2D2022



2D211E



2A221B

Triad

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



2D211E



1B2620



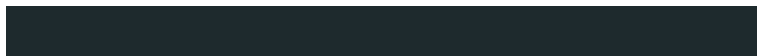
20242D

Complementary

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



2D211E



1E2A2D

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.



1A252C



2D211E



182625

Square

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



2D211E



21251C



172629



26222B

Rectangle

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



2D211E



27231A



172629



1E242D

Sweetspot

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



2D211E



3B3635



2D1E2A



1F1C1B



9E9E9E



1F1F1F

Same Dimension

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



2D211E



3B2823



2D291E



171515



571100



D62B00

Inverse Universe

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



1E2A2D



23363B



1E232D



151617



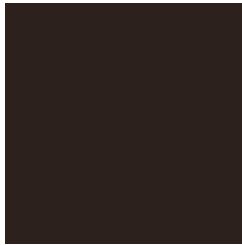
004557



00ABD6

Previews

White Background



This preview shows how the Hex color 2D211E 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

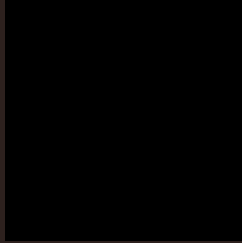
Any Text WCAG AA × Fail

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 2D211E Background



This preview shows how black text looks on a background with the Hex color 2D211E.

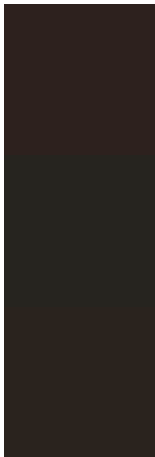


This preview shows how white text looks on a background with the Hex color 2D211E.

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

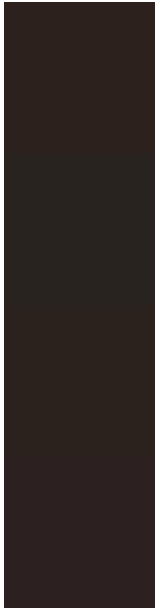


Original Color
2D211E

Protanopia
26241F

Deuteranopia
2A231E

Trichromacy



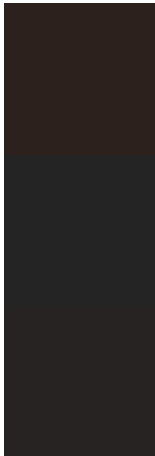
Original Color
2D211E

Protanomaly
29231F

Deuteranomaly
2B221E

Tritanomaly
2D2021

Monochromacy



Original Color
2D211E

Achromatopsia
242424

Achromatomaly
272322

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D211E 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 #2D211E looks like.

```
.text, #text, p{  
    color:#2D211E  
}
```

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 #2D211E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D211E
}
```

Border

The CSS property to change the border of an element to Hex 2D211E is called "border". The border property can be set on classes, ids or directly on the HTML element.

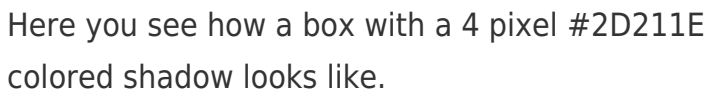
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D211E }
```

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

```
.border{ border-color:#2D211E }
```

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



Here you see how a box with a 4 pixel #2D211E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D211E; -webkit-box-shadow:4px 4px  
4px 4px #2D211E; box-shadow:4px 4px 4px  
4px #2D211E }
```

Background

The CSS property to change the background color of an element to Hex 2D211E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D211E }
```

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

```
.background{ background-color:#2D211E }
```

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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