

Converting Colors

Hex(2D341A)

Have a look what the booklet for
Hex(2D341A) contains.

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Color

Hex(2D341A)

Conversions

Conversions Part 1

Format	Color
Hex	2D341A
RGB	45, 52, 26
RGB Percent	18%, 20%, 10%
CMY	0.8235, 0.7961, 0.8980
CMYK	0.13, 0.00, 0.50, 0.80
HSL	76°, 33%, 15%
HSV	76°, 50%, 20%
XYZ	2.4966, 3.0885, 1.4418
YIQ	46.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

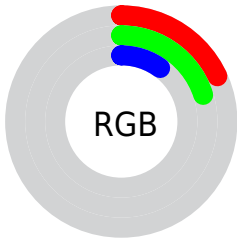
Format	Color
RYB	26, 52, 33
Decimal	2962458
CIELab	20.39, -8.24, 15.43
CIELCh	20, 17.496, 118.108
Yxy	3.0885, 0.3553, 0.4395
Android (android.graphics.Color)	4281152538 (0xFF2D341A)
YUV	46.9430, -10.3249, -1.7040
Hunter-Lab	17.5740, -5.3961, 7.4375

Details

The Hex color **2D341A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **211A34**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5B6246**, and **000300** is the 20% darker color. If you saturate the color by 10%, you get **2C3415**, and if you desaturate by 10%, it is **2E341F**.

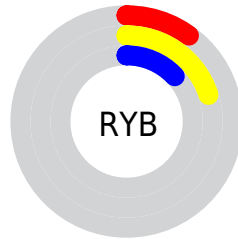
Distribution



Red (18%)

Green (20%)

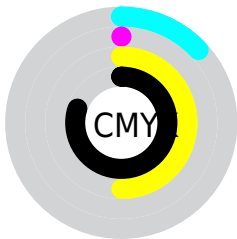
Blue (10%)



Red (10%)

Yellow (20%)

Blue (13%)

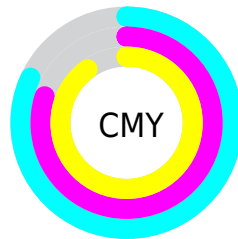


Cyan (13%)

Magenta (0%)

Yellow (50%)

Black (80%)



Cyan (82%)

Magenta (80%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D341A 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 2D341A by changing the saturation by 10% instead.

■ 2D341A

■ 2D341A

FFFFFF

■ 191F00

■ 5B6246

■ 000300

■ 747B5D

■ 000000

■ 8E9576

■ A8B090

■ C4CBAA

■ E0E7C6

■ FCFE2

■ 2D341A

■ 2D341A

■ 2C3415

■ 2E341F

■ 2A3410

■ 303424

■ 29340A

■ 31342A

■ 273405

■ 33342F

■ 263400

■ 343434

■ 353439

■ 37343E

■ 383444

■ 3A3449

Harmonies

Analogous

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



3A3017



2D341A



1E3723

Triad

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



2D341A



003647



492732

Complementary

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



2D341A



211A34

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.



402A3F



2D341A



1C334B

Square

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



2D341A



00383D



312E48



4A2826

Rectangle

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



2D341A



11382B



312E48



472837

Sweetspot

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



2D341A



42453B



34211A



22241D



A3A3A3



242424

Same Dimension

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



2D341A



3A451C



20341A



191A17



415900



9ED900

Inverse Universe

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



211A34



271C45



2E1A34



18171A



180059



3A00D9

Previews

White Background



This preview shows how the Hex color 2D341A looks on a white background.

Color Contrast Check

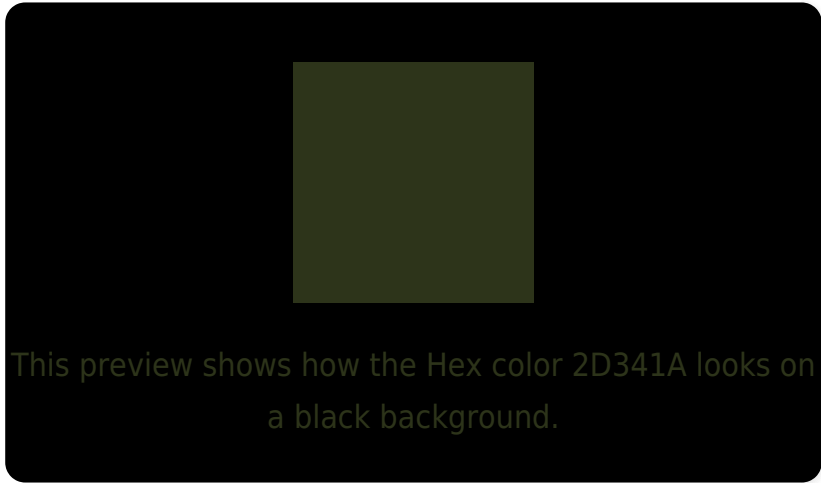
Large Text (above 18pt) WCAG AA ✓ Pass

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

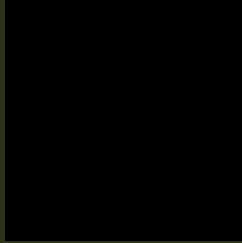
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

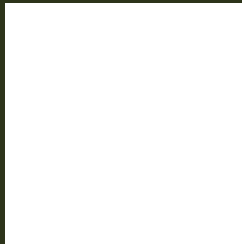
Any Text WCAG AAA × Fail

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

Hex 2D341A Background



This preview shows how black text looks on a background with the Hex color 2D341A.

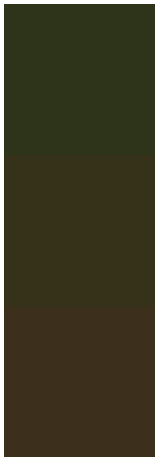


This preview shows how white text looks on a background with the Hex color 2D341A.

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](#).

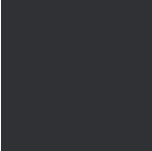
Dichromacy



Original Color
2D341A

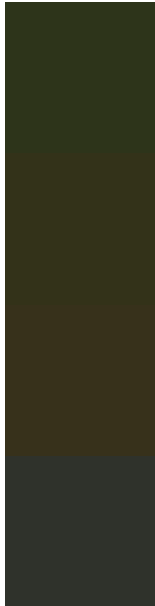
Protanopia
363119

Deuteranopia
3C2F1B



Tritanopia
303135

Trichromacy



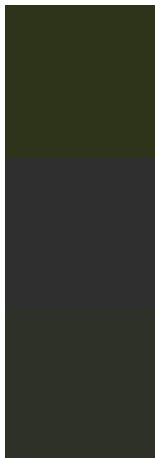
Original Color
2D341A

Protanomaly
333219

Deuteranomaly
37311B

Tritanomaly
2F322B

Monochromacy



Original Color
2D341A

Achromatopsia
2F2F2F

Achromatomaly
2E3127

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D341A 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 #2D341A looks like.

```
.text, #text, p{  
    color:#2D341A  
}
```

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 #2D341A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D341A
}
```

Border

The CSS property to change the border of an element to Hex 2D341A 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
#2D341A }
```

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

```
.border{ border-color:#2D341A }
```

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

Here you see how a box with a 4 pixel #2D341A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D341A; -webkit-box-shadow:4px 4px  
4px 4px #2D341A; box-shadow:4px 4px 4px  
4px #2D341A }
```

Background

The CSS property to change the background color of an element to Hex 2D341A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D341A }
```

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

```
.background{ background-color:#2D341A }
```

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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