

Converting Colors

Hex(2A351D)

Have a look what the booklet for
Hex(2A351D) contains.

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Color

Hex(2A351D)

Conversions

Conversions Part 1

Format	Color
Hex	2A351D
RGB	42, 53, 29
RGB Percent	16%, 21%, 11%
CMY	0.8353, 0.7922, 0.8863
CMYK	0.21, 0.00, 0.45, 0.79
HSL	88°, 29%, 16%
HSV	88°, 45%, 21%
XYZ	2.4497, 3.1272, 1.6369
YIQ	46.9750, 1.1480, -9.7960

Conversions

Conversions Part 2

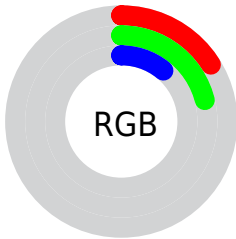
Format	Color
R_{YB}	29, 53, 40
Decimal	2766109
CIE Lab	20.55, -9.83, 13.65
CIE LCh	21, 16.822, 125.767
Yxy	3.1272, 0.3396, 0.4335
Android (android.graphics.Color)	4280956189 (0xFF2A351D)
YUV	46.9750, -8.8617, -4.3631
Hunter-Lab	17.6838, -6.2191, 6.8905

Details

The Hex color **2A351D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **281D35**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **586449**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **283518**, and if you desaturate by 10%, it is **2C3522**.

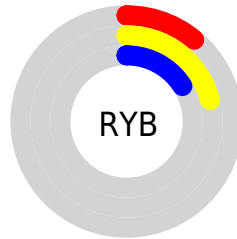
Distribution



Red (16%)

Green (21%)

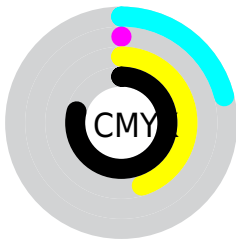
Blue (11%)



Red (11%)

Yellow (21%)

Blue (16%)

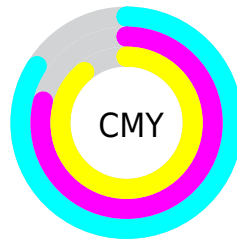


Cyan (21%)

Magenta (0%)

Yellow (45%)

Black (79%)



Cyan (84%)

Magenta (79%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A351D 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 2A351D by changing the saturation by 10% instead.

 2A351D

 2A351D

FFFFFF

 162005

 586449

 000400

 707D61

 000000

 8A967A

 A4B194

 C0CDAE

 DBE9CA

 F8FFE6

 2A351D

 2A351D

■ 283518

■ 2C3522

■ 253512

■ 2F3528

■ 23350D

■ 31352D

■ 203508

■ 343532

■ 1E3502

■ 363537

■ 1D3500

■ 39353D

■ 3B3542

■ 3D3547

■ 40354D

Harmonies

Analogous

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



373219



2A351D



1B3727

Triad

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



2A351D



0B3548



492830

Complementary

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



2A351D



281D35

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.



43293C



2A351D



23324A

Square

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



2A351D



003840



362D46



482924

Rectangle

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



2A351D



0F382F



362D46



482834

Sweetspot

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



2A351D



40453B



35281D



21241E



A3A3A3



242424

Same Dimension

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



2A351D



344520



1E351D



181A17



305900



75D900

Inverse Universe

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



281D35



312045



341D35



18171A



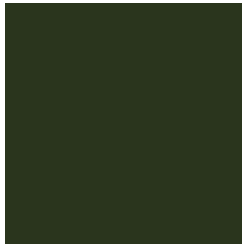
290059



6300D9

Previews

White Background



This preview shows how the Hex color 2A351D looks on a white background.

Color Contrast Check

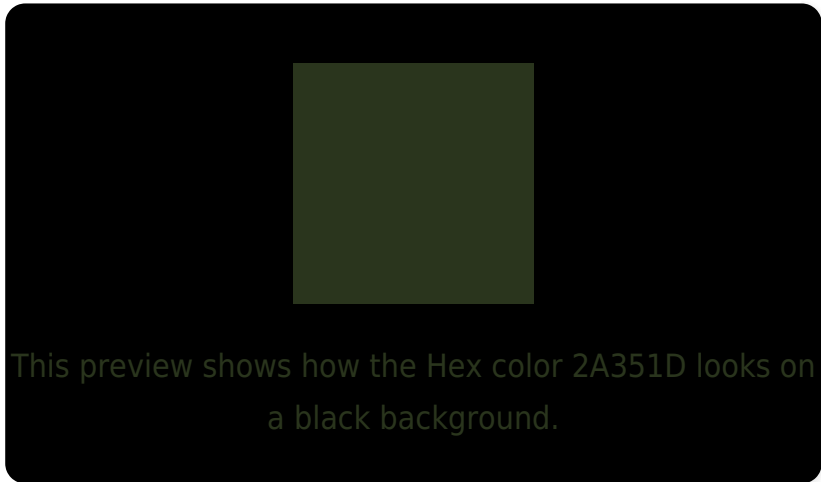
Large Text (above 18pt) WCAG AA ✓ Pass

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

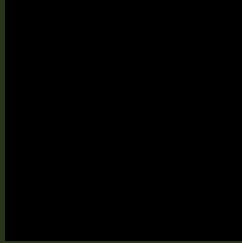
Any Text WCAG AA × Fail

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 2A351D Background



This preview shows how black text looks on a background with the Hex color 2A351D.



This preview shows how white text looks on a background with the Hex color 2A351D.

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](#).

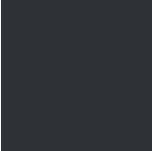
Dichromacy



Original Color
2A351D

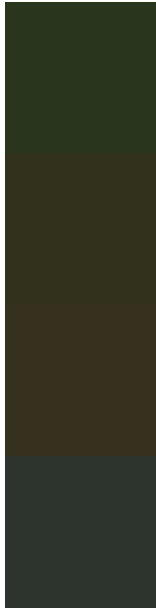
Protanopia
36311C

Deuteranopia
3C2F1E



Tritanopia
2E3236

Trichromacy



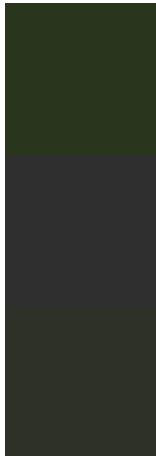
Original Color
2A351D

Protanomaly
32321C

Deuteranomaly
35311E

Tritanomaly
2D332D

Monochromacy



Original Color
2A351D

Achromatopsia
2F2F2F

Achromatomaly
2D3128

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A351D 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 #2A351D looks like.

```
.text, #text, p{  
    color:#2A351D  
}
```

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 #2A351D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A351D
}
```

Border

The CSS property to change the border of an element to Hex 2A351D is called "border". The border property can be set on classes, ids or directly on the HTML element.

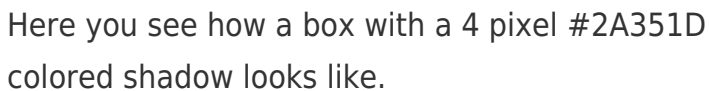
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A351D }
```

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

```
.border{ border-color:#2A351D }
```

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



Here you see how a box with a 4 pixel #2A351D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A351D; -webkit-box-shadow:4px 4px  
4px 4px #2A351D; box-shadow:4px 4px 4px  
4px #2A351D }
```

Background

The CSS property to change the background color of an element to Hex 2A351D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A351D }
```

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

```
.background{ background-color:#2A351D }
```

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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