

Converting Colors

Hex(2A241E)

Have a look what the booklet for
Hex(2A241E) contains.

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Color

Hex(2A241E)

Conversions

Conversions Part 1

Format	Color
Hex	2A241E
RGB	42, 36, 30
RGB Percent	16%, 14%, 12%
CMY	0.8353, 0.8588, 0.8824
CMYK	0.00, 0.14, 0.29, 0.84
HSL	30°, 17%, 14%
HSV	30°, 29%, 16%
XYZ	1.8201, 1.8477, 1.4890
YIQ	37.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

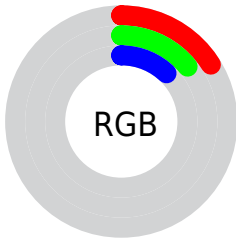
Format	Color
RYB	42, 42, 30
Decimal	2761758
CIELab	14.67, 1.58, 5.05
CIElCh	15, 5.289, 72.585
Yxy	1.8477, 0.3529, 0.3583
Android (android.graphics.Color)	4280951838 (0xFF2A241E)
YUV	37.1100, -3.5052, 4.2885
Hunter-Lab	13.5931, 0.1125, 3.0205

Details

The Hex color **2A241E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E242A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **57504A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A221A**, and if you desaturate by 10%, it is **2A2622**.

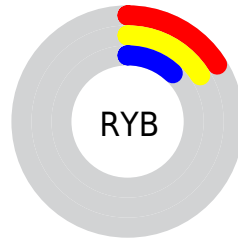
Distribution



Red (16%)

Green (14%)

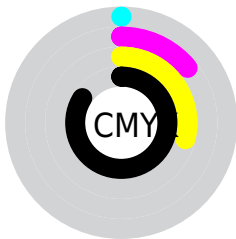
Blue (12%)



Red (16%)

Yellow (16%)

Blue (12%)

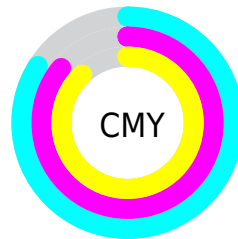


Cyan (0%)

Magenta (14%)

Yellow (29%)

Black (84%)



Cyan (84%)

Magenta (86%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A241E 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 2A241E by changing the saturation by 10% instead.

■ 2A241E

■ 2A241E

FFFFFF

■ 160F05

■ 57504A

■ 000000

■ 706861

■ 89827A

■ A49C94

■ BFB6AF

■ DBD2CA

■ F7EEE6

■ 2A241E

■ 2A241E

■ 2A221A

■ 2A2622

■ 2A2016

■ 2A2826

■ 2A1E11

■ 2A2A2B

■ 2A1C0D

■ 2A2C2F

■ 2A1909

■ 2A2F33

■ 2A1705

■ 2A3137

■ 2A1501

■ 2A333B

■ 2A1500

■ 2A3540

■ 2A3744

Harmonies

Analogous

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



2C2320



2A241E



26251E

Triad

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



2A241E



1C2726



28242A

Complementary

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



2A241E



1E242A

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.



23252C



2A241E



1C272A

Square

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



2A241E



1E2723



1E262C



2B2327

Rectangle

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



2A241E



23261F



1E262C



26242B

Sweetspot

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



2A241E



363331



2A1E24



1C1B19



9C9C9C



1C1C1C

Same Dimension

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



2A241E



362C23



2A2A1E



141312



542A00



D46A00

Inverse Universe

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



1E242A



232C36



1E1E2A



121314



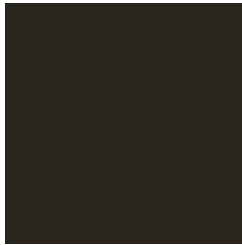
002A54



006AD4

Previews

White Background



This preview shows how the Hex color 2A241E looks on a white background.

Color Contrast Check

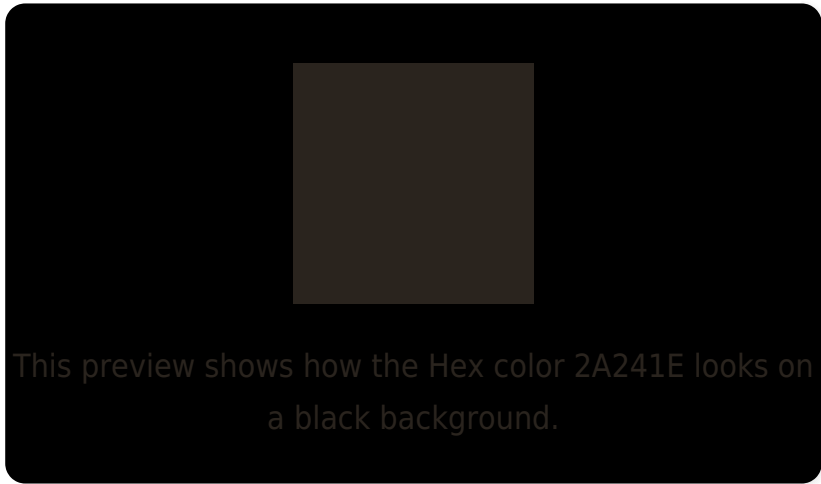
Large Text (above 18pt) WCAG AA ✓ Pass

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

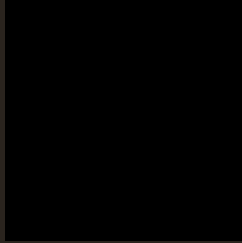
Any Text WCAG AA × Fail

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 2A241E Background



This preview shows how black text looks on a background with the Hex color 2A241E.

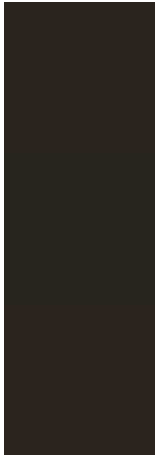


This preview shows how white text looks on a background with the Hex color 2A241E.

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
2A241E

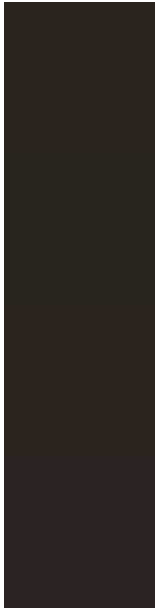
Protanopia
27251E

Deuteranopia
2B241E



Tritanopia
2B2326

Trichromacy



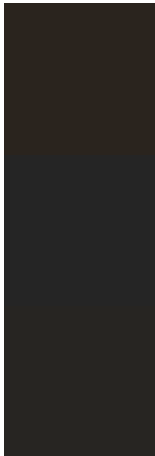
Original Color
2A241E

Protanomaly
28251E

Deuteranomaly
2B241E

Tritanomaly
2B2323

Monochromacy



Original Color
2A241E

Achromatopsia
252525

Achromatomaly
272522

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A241E 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 #2A241E looks like.

```
.text, #text, p{  
    color:#2A241E  
}
```

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 #2A241E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A241E
}
```

Border

The CSS property to change the border of an element to Hex 2A241E 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".

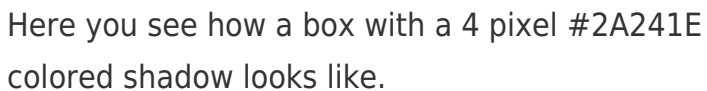
```
.border, #border, table{ border:4px solid
#2A241E }
```

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

```
.border{ border-color:#2A241E }
```

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

Here you see how a box with a 4 pixel #2A241E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A241E; -webkit-box-shadow:4px 4px  
4px 4px #2A241E; box-shadow:4px 4px 4px  
4px #2A241E }
```

Background

The CSS property to change the background color of an element to Hex 2A241E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A241E }
```

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

```
.background{ background-color:#2A241E }
```

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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