

Converting Colors

Hex(2A292A)

Have a look what the booklet for
Hex(2A292A) contains.

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Color

Hex(2A292A)

Conversions

Conversions Part 1

Format	Color
Hex	2A292A
RGB	42, 41, 42
RGB Percent	16%, 16%, 16%
CMY	0.8353, 0.8392, 0.8353
CMYK	0.00, 0.02, 0.00, 0.84
HSL	300°, 1%, 16%
HSV	300°, 2%, 16%
XYZ	2.1657, 2.2453, 2.5097
YIQ	41.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
RYB	42, 41, 42
Decimal	2763050
CIELab	16.73, 0.69, -0.50
CIELCh	17, 0.852, 324.443
Yxy	2.2453, 0.3129, 0.3244
Android (android.graphics.Color)	4280953130 (0xFF2A292A)
YUV	41.4130, 0.2894, 0.5148
Hunter-Lab	14.9843, -0.4236, 0.5585

Details

The Hex color **2A292A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292A29**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **575657**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A252A**, and if you desaturate by 10%, it is **2A2D2A**.

Distribution



Red (16%)

Green (16%)

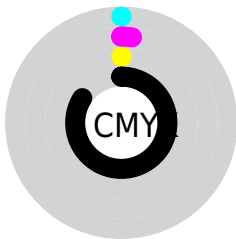
Blue (16%)



Red (16%)

Yellow (16%)

Blue (16%)



Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A292A 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 2A292A by changing the saturation by 10% instead.

■ 2A292A

■ 2A292A

FFFFFF

■ 161516

■ 575657

■ 000000

■ 706E70

■ 898889

■ A3A2A3

■ BEBDBE

■ DAD9DA

■ F7F5F6

■ 2A292A

■ 2A292A

■ 2A252A

■ 2A2D2A

■ 2A212A

■ 2A312A

■ 2A1C2A

■ 2A362A

■ 2A182A

■ 2A3A2A

■ 2A142A

■ 2A3E2A

■ 2A102A

■ 2A422A

■ 2A0C2A

■ 2A462A

■ 2A072A

■ 2A4B2A

■ 2A032A

■ 2A4F2A

Harmonies

Analogous

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



29292A



2A292A



2B2929

Triad

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



2A292A



2A2928



282A2A

Complementary

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



2A292A



292A29

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.



282A29



2A292A



292928

Square

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



2A292A



2A2928



292A29



282A2A

Rectangle

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



2A292A



2B2929



292A29



282A2A

Sweetspot

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



2A292A



363536



29292A



1C1C1C



9C9C9C

Same Dimension

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



2A292A



363436



2A2929



141414



540054



D400D4

Inverse Universe

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



2A292A



363436



292A29



141414



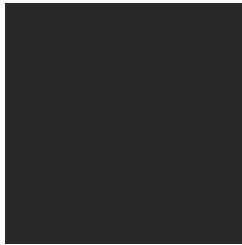
540054



D400D4

Previews

White Background



This preview shows how the Hex color 2A292A looks on a white background.

Color Contrast Check

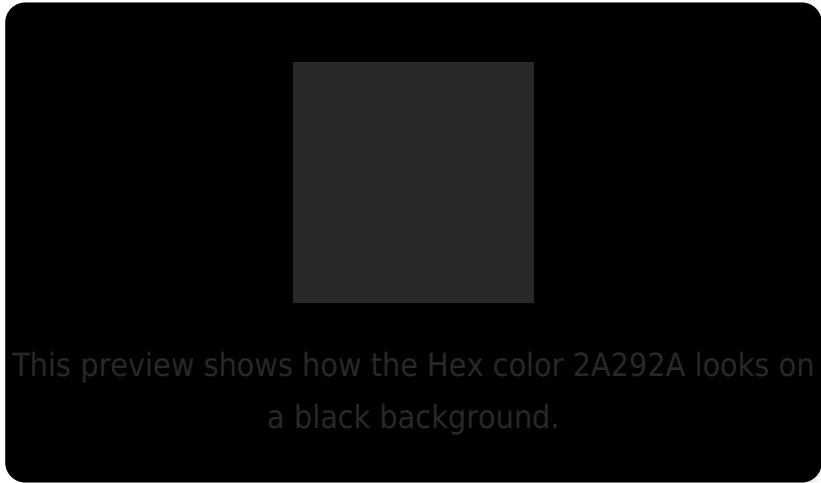
Large Text (above 18pt) WCAG AA ✓ Pass

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

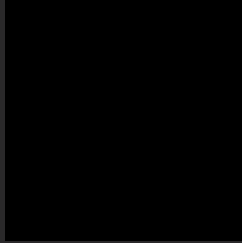
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

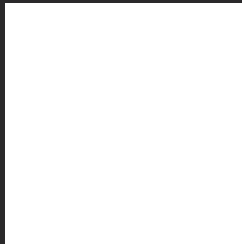
Any Text WCAG AAA × Fail

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

Hex 2A292A Background



This preview shows how black text looks on a background with the Hex color 2A292A.



This preview shows how white text looks on a background with the Hex color 2A292A.

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
2A292A

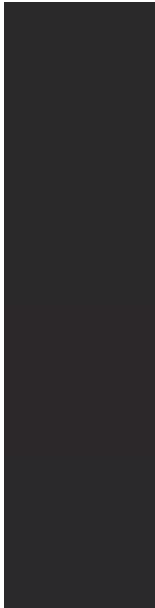
Protanopia
2A292A

Deuteranopia
2D282A



Tritanopia
2A292C

Trichromacy



Original Color

2A292A

Protanomaly

2A292A

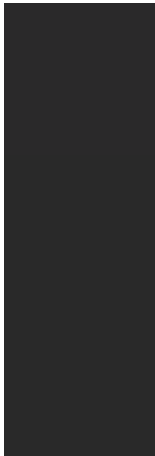
Deuteranomaly

2C282A

Tritanomaly

2A292B

Monochromacy



Original Color

2A292A

Achromatopsia

292929

Achromatomaly

292929

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A292A 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 #2A292A looks like.

```
.text, #text, p{  
    color:#2A292A  
}
```

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 #2A292A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A292A
}
```

Border

The CSS property to change the border of an element to Hex 2A292A is called "border". The border property can be set on classes, ids or directly on the HTML element.

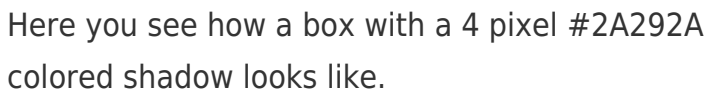
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A292A }
```

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

```
.border{ border-color:#2A292A }
```

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



Here you see how a box with a 4 pixel #2A292A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A292A; -webkit-box-shadow:4px 4px  
4px 4px #2A292A; box-shadow:4px 4px 4px  
4px #2A292A }
```

Background

The CSS property to change the background color of an element to Hex 2A292A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A292A }
```

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

```
.background{ background-color:#2A292A }
```

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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