

Converting Colors

Hex(2A2928)

Have a look what the booklet for
Hex(2A2928) contains.

Hex(2A2928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

Hex(2A2928)

Conversions

Conversions Part 1

Format	Color
Hex	2A2928
RGB	42, 41, 40
RGB Percent	16%, 16%, 16%
CMY	0.8353, 0.8392, 0.8431
CMYK	0.00, 0.02, 0.05, 0.84
HSL	30°, 2%, 16%
HSV	30°, 5%, 16%
XYZ	2.1308, 2.2313, 2.3259
YIQ	41.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

Format	Color
RYB	42, 42, 40
Decimal	2763048
CIELab	16.66, 0.22, 0.81
CIELCh	17, 0.842, 74.811
Yxy	2.2313, 0.3186, 0.3336
Android (android.graphics.Color)	4280953128 (0xFF2A2928)
YUV	41.1850, -0.5842, 0.7148
Hunter-Lab	14.9376, -0.6785, 1.2245

Details

The Hex color **2A2928** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28292A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **575655**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A2724**, and if you desaturate by 10%, it is **2A2B2C**.

Distribution



Red (16%)

Green (16%)

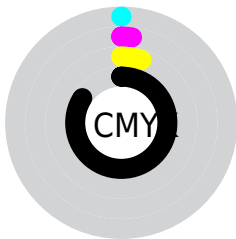
Blue (16%)



Red (16%)

Yellow (16%)

Blue (16%)



Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2928 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 2A2928 by changing the saturation by 10% instead.

■ 2A2928

■ 2A2928

FFFFFF

■ 161514

■ 575655

■ 000000

■ 706E6D

■ 898886

■ A3A2A1

■ BEBDBC

■ DAD9D7

■ F7F5F4

■ 2A2928

■ 2A2928

■ 2A2724

■ 2A2B2C

■ 2A2520

■ 2A2D30

■ 2A231B

■ 2A2F35

■ 2A2117

■ 2A3139

■ 2A1F13

■ 2A333D

■ 2A1C0F

■ 2A3641

■ 2A1A0B

■ 2A3845

■ 2A1806

■ 2A3A4A

■ 2A1602

■ 2A3C4E

Harmonies

Analogous

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



2A2928



292928

Triad

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



2A2928



282A29



2A292A

Complementary

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



2A2928



28292A

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.



29292A



2A2928



28292A

Square

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



2A2928



282929



28292A



2A2929

Rectangle

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



2A2928



292928



28292A



29292A

Sweetspot

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



2A2928



363535



2A2829



1C1C1C



9C9C9C

Same Dimension

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



2A2928



363432



2A2A28



141413



542A00



D46A00

Inverse Universe

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



28292A



323436



28282A



131414



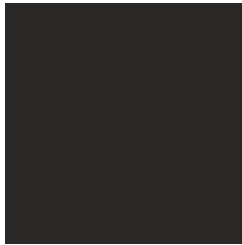
002A54



006AD4

Previews

White Background



This preview shows how the Hex color 2A2928 looks on a white background.

Color Contrast Check

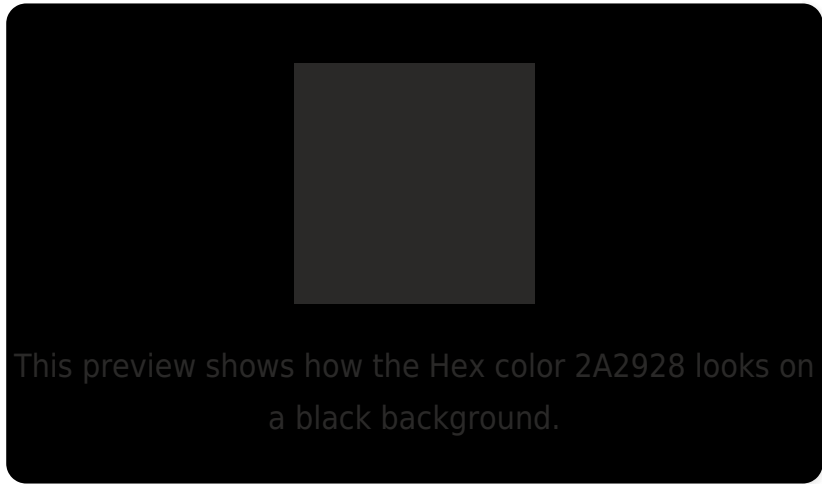
Large Text (above 18pt) WCAG AA ✓ Pass

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

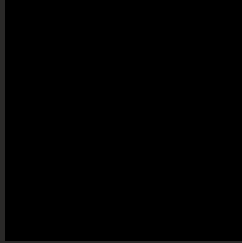
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

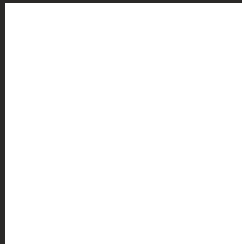
Any Text WCAG AAA × Fail

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

Hex 2A2928 Background



This preview shows how black text looks on a background with the Hex color 2A2928.

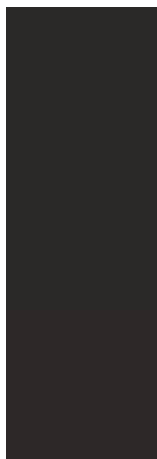


This preview shows how white text looks on a background with the Hex color 2A2928.

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

2A2928

Protanopia

2A2928

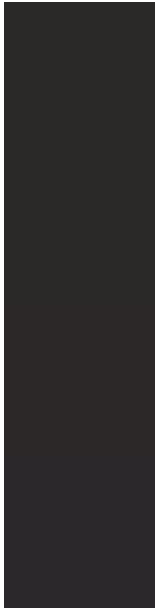
Deuteranopia

2D2828



Tritanopia
2B282C

Trichromacy



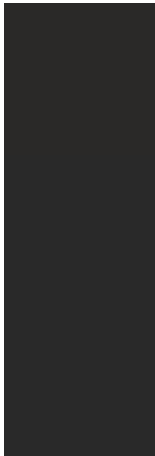
Original Color
2A2928

Protanomaly
2A2928

Deuteranomaly
2C2828

Tritanomaly
2B282B

Monochromacy



Original Color
2A2928

Achromatopsia
292929

Achromatomaly
292929

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2928 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 #2A2928 looks like.

```
.text, #text, p{  
    color:#2A2928  
}
```

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 #2A2928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2928
}
```

Border

The CSS property to change the border of an element to Hex 2A2928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

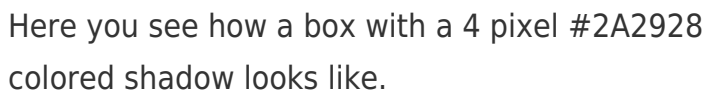
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2928 }
```

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

```
.border{ border-color:#2A2928 }
```

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



Here you see how a box with a 4 pixel #2A2928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2928; -webkit-box-shadow:4px 4px  
4px 4px #2A2928; box-shadow:4px 4px 4px  
4px #2A2928 }
```

Background

The CSS property to change the background color of an element to Hex 2A2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2928 }
```

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

```
.background{ background-color:#2A2928 }
```

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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