

Converting Colors

Hex(2A2720)

Have a look what the booklet for
Hex(2A2720) contains.

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Color

Hex(2A2720)

Conversions

Conversions Part 1

Format	Color
Hex	2A2720
RGB	42, 39, 32
RGB Percent	16%, 15%, 13%
CMY	0.8353, 0.8471, 0.8745
CMYK	0.00, 0.07, 0.24, 0.84
HSL	42°, 14%, 15%
HSV	42°, 24%, 16%
XYZ	1.9411, 2.0476, 1.6594
YIQ	39.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

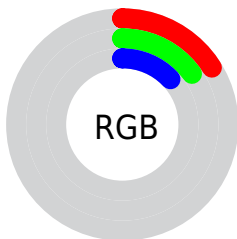
Format	Color
R_{YB}	36, 42, 32
Decimal	2762528
CIE Lab	15.73, -0.12, 5.13
CIE LCh	16, 5.130, 91.328
Yxy	2.0476, 0.3437, 0.3625
Android (android.graphics.Color)	4280952608 (0xFF2A2720)
YUV	39.0990, -3.4998, 2.5442
Hunter-Lab	14.3093, -0.8275, 3.1408

Details

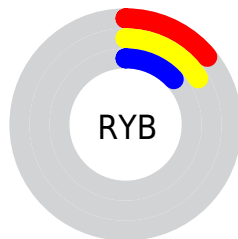
The Hex color **2A2720** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20232A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **57544C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A261C**, and if you desaturate by 10%, it is **2A2824**.

Distribution



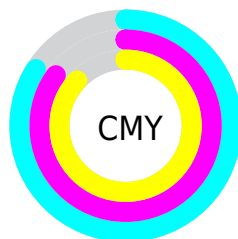
- Red (16%)
- Green (15%)
- Blue (13%)



- Red (14%)
- Yellow (16%)
- Blue (13%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (84%)



- Cyan (84%)
- Magenta (85%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2720 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 2A2720 by changing the saturation by 10% instead.

■ 2A2720

■ 2A2720

FFFFFF

■ 161208

■ 57544C

■ 000000

■ 706C64

■ 89857D

■ A39F97

■ BFBAB1

■ DAD6CD

■ F7F2E9

■ 2A2720

■ 2A2720

■ 2A261C

■ 2A2824

■ 2A2418

■ 2A2A28

■ 2A2313

■ 2A2B2D

■ 2A220F

■ 2A2C31

■ 2A210B

■ 2A2D35

■ 2A1F07

■ 2A2F39

■ 2A1E03

■ 2A303D

■ 2A1D00

■ 2A3142

■ 2A3246

Harmonies

Analogous

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



2D2621



2A2720



262821

Triad

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



2A2720



1E292B



2C252B

Complementary

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



2A2720



20232A

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.



28262D



2A2720



20292D

Square

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



2A2720



1F2927



23272E



2F2527

Rectangle

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



2A2720



232923



23272E



2B262C

Sweetspot

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



2A2720



363432



2A2023



1C1B1A



9C9C9C



1C1C1C

Same Dimension

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



2A2720



363126



282A20



141412



543B00



D49400

Inverse Universe

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



20232A



262B36



22202A



121314



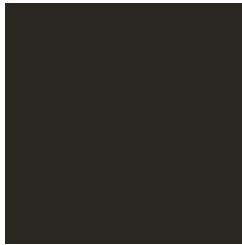
001954



003FD4

Previews

White Background



This preview shows how the Hex color 2A2720 looks on a white background.

Color Contrast Check

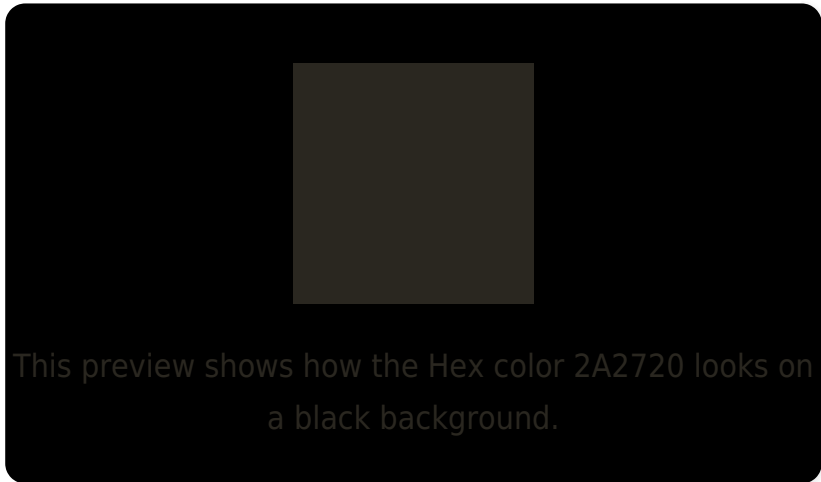
Large Text (above 18pt) WCAG AA ✓ Pass

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

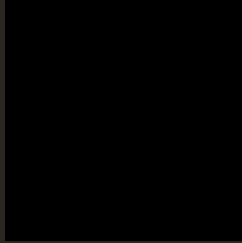
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

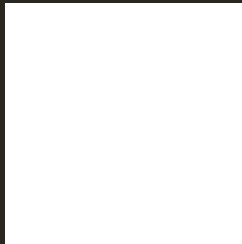
Any Text WCAG AAA × Fail

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

Hex 2A2720 Background



This preview shows how black text looks on a background with the Hex color 2A2720.



This preview shows how white text looks on a background with the Hex color 2A2720.

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
2A2720

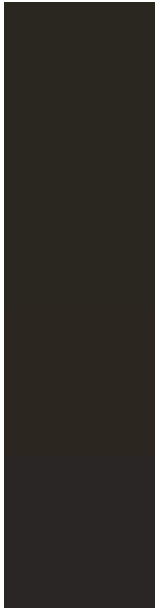
Protanopia
2A2720

Deuteranopia
2D2620



Tritanopia
2B2629

Trichromacy



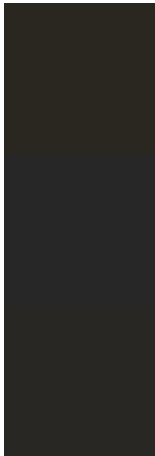
Original Color
2A2720

Protanomaly
2A2720

Deuteranomaly
2C2620

Tritanomaly
2B2626

Monochromacy



Original Color
2A2720

Achromatopsia
272727

Achromatomaly
282724

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2720 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 #2A2720 looks like.

```
.text, #text, p{  
    color:#2A2720  
}
```

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 #2A2720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2720
}
```

Border

The CSS property to change the border of an element to Hex 2A2720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

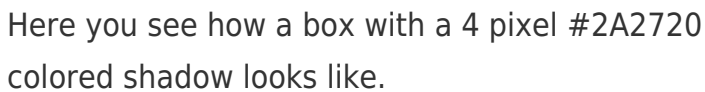
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2720 }
```

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

```
.border{ border-color:#2A2720 }
```

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



Here you see how a box with a 4 pixel #2A2720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2720; -webkit-box-shadow:4px 4px  
4px 4px #2A2720; box-shadow:4px 4px 4px  
4px #2A2720 }
```

Background

The CSS property to change the background color of an element to Hex 2A2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2720 }
```

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

```
.background{ background-color:#2A2720 }
```

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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