

Converting Colors

Hex(2C2720)

Have a look what the booklet for
Hex(2C2720) contains.

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Color

Hex(2C2720)

Conversions

Conversions Part 1

Format	Color
Hex	2C2720
RGB	44, 39, 32
RGB Percent	17%, 15%, 13%
CMY	0.8275, 0.8471, 0.8745
CMYK	0.00, 0.11, 0.27, 0.83
HSL	35°, 16%, 15%
HSV	35°, 27%, 17%
XYZ	2.0249, 2.0908, 1.6633
YIQ	39.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

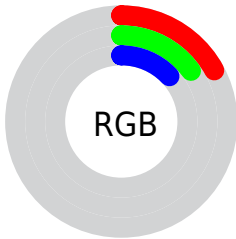
Format	Color
R_YB	41, 44, 32
Decimal	2893600
CIE Lab	15.96, 0.87, 5.47
CIE LCh	16, 5.540, 81.012
Yxy	2.0908, 0.3504, 0.3618
Android (android.graphics.Color)	4281083680 (0xFF2C2720)
YUV	39.6970, -3.7946, 3.7737
Hunter-Lab	14.4596, -0.3069, 3.3014

Details

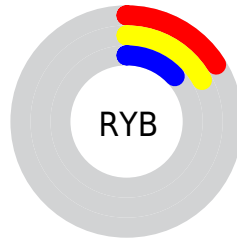
The Hex color **2C2720** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20252C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5A544C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C251C**, and if you desaturate by 10%, it is **2C2924**.

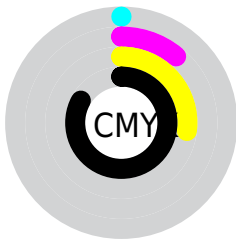
Distribution



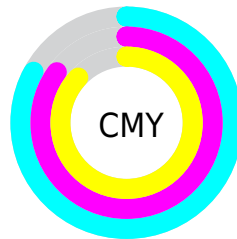
- Red (17%)
- Green (15%)
- Blue (13%)



- Red (16%)
- Yellow (17%)
- Blue (13%)



- Cyan (0%)
- Magenta (11%)
- Yellow (27%)
- Black (83%)



- Cyan (83%)
- Magenta (85%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2720 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 2C2720 by changing the saturation by 10% instead.

■ 2C2720

■ 2C2720

FFFFFF

■ 181208

■ 5A544C

■ 000000

■ 726C64

■ 8C857D

■ A69F97

■ C1BAB1

■ DDD6CD

■ FAF2E9

■ 2C2720

■ 2C2720

■ 2C251C

■ 2C2924

■ 2C2317

■ 2C2B29

■ 2C2213

■ 2C2D2D

■ 2C200E

■ 2C2E32

■ 2C1E0A

■ 2C3036

■ 2C1C06

■ 2C323A

■ 2C1A01

■ 2C343F

■ 2C1A00

■ 2C3643

■ 2C3748

Harmonies

Analogous

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



2F2622



2C2720



282820

Triad

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



2C2720



1E2A2A



2C262D

Complementary

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



2C2720



20252C

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.



27272F



2C2720



1E292E

Square

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



2C2720



1F2A26



22282F



2F2529

Rectangle

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



2C2720



252922



22282F



2A262E

Sweetspot

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



2C2720



383634



2C2025



1C1B19



9C9C9C



1C1C1C

Same Dimension

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



2C2720



383026



2B2C20



171615



573300



D67D00

Inverse Universe

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



20252C



262D38



21202C



151617



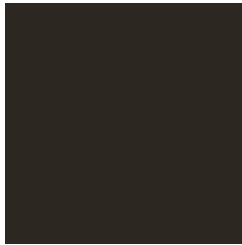
002457



0059D6

Previews

White Background



This preview shows how the Hex color 2C2720 looks on a white background.

Color Contrast Check

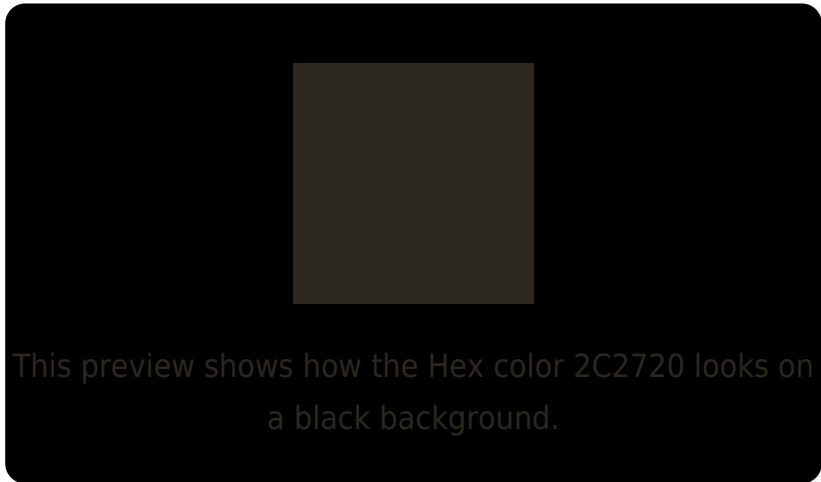
Large Text (above 18pt) WCAG AA ✓ Pass

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

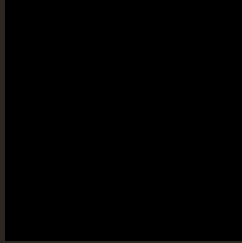
Any Text WCAG AA × Fail

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 2C2720 Background



This preview shows how black text looks on a background with the Hex color 2C2720.



This preview shows how white text looks on a background with the Hex color 2C2720.

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

2C2720

Protanopia

2A2820

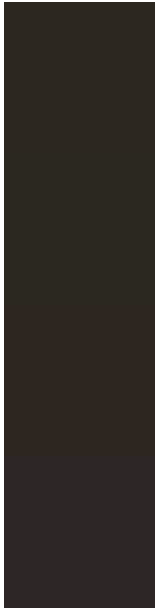
Deuteranopia

2E2620



Tritanopia
2D2629

Trichromacy



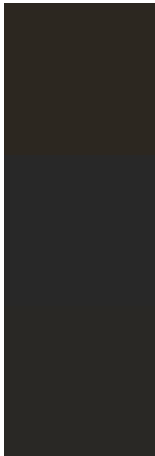
Original Color
2C2720

Protanomaly
2B2820

Deuteranomaly
2D2620

Tritanomaly
2D2626

Monochromacy



Original Color
2C2720

Achromatopsia
282828

Achromatomaly
292825

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2720 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 #2C2720 looks like.

```
.text, #text, p{  
    color:#2C2720  
}
```

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 #2C2720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2720
}
```

Border

The CSS property to change the border of an element to Hex 2C2720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

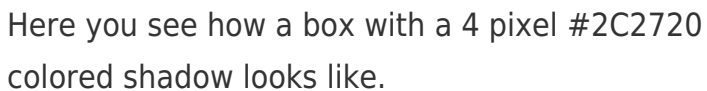
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2720 }
```

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

```
.border{ border-color:#2C2720 }
```

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



Here you see how a box with a 4 pixel #2C2720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2720; -webkit-box-shadow:4px 4px  
4px 4px #2C2720; box-shadow:4px 4px 4px  
4px #2C2720 }
```

Background

The CSS property to change the background color of an element to Hex 2C2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2720 }
```

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

```
.background{ background-color:#2C2720 }
```

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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