

Converting Colors

Hex(2D2720)

Have a look what the booklet for
Hex(2D2720) contains.

Hex(2D2720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D2720)

Conversions

Conversions Part 1

Format	Color
Hex	2D2720
RGB	45, 39, 32
RGB Percent	18%, 15%, 13%
CMY	0.8235, 0.8471, 0.8745
CMYK	0.00, 0.13, 0.29, 0.82
HSL	32°, 17%, 15%
HSV	32°, 29%, 18%
XYZ	2.0684, 2.1132, 1.6654
YIQ	39.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

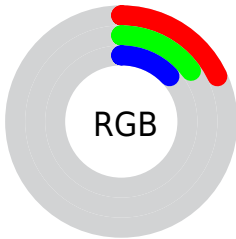
Format	Color
RYB	43, 45, 32
Decimal	2959136
CIELab	16.07, 1.36, 5.65
CIElCh	16, 5.810, 76.461
Yxy	2.1132, 0.3538, 0.3614
Android (android.graphics.Color)	4281149216 (0xFF2D2720)
YUV	39.9960, -3.9420, 4.3885
Hunter-Lab	14.5369, -0.0412, 3.3834

Details

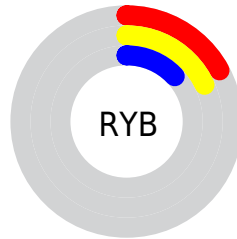
The Hex color **2D2720** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20262D**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5B544C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D251B**, and if you desaturate by 10%, it is **2D2925**.

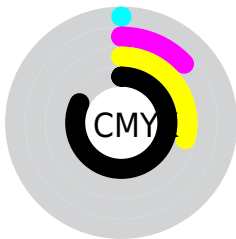
Distribution



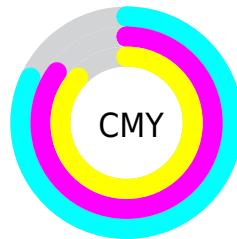
- Red (18%)
- Green (15%)
- Blue (13%)



- Red (17%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (82%)



- Cyan (82%)
- Magenta (85%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2720 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 2D2720 by changing the saturation by 10% instead.

■ 2D2720

■ 2D2720

FFFFFF

■ 191208

■ 5B544C

■ 000000

■ 736C64

■ 8D857D

■ A79F97

■ C3BAB1

■ DFD6CD

■ FBF2E9

■ 2D2720

■ 2D2720

■ 2D251B

■ 2D2925

■ 2D2317

■ 2D2B29

■ 2D2113

■ 2D2D2E

■ 2D1F0E

■ 2D2F32

■ 2D1D0A

■ 2D3137

■ 2D1B05

■ 2D333B

■ 2D1801

■ 2D3640

■ 2D1800

■ 2D3844

■ 2D3A49

Harmonies

Analogous

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



302622



2D2720



292820

Triad

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



2D2720



1D2A2A



2B262E

Complementary

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



2D2720



20262D

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.



262730



2D2720



1E2A2E

Square

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



2D2720



202A26



212930



2F252A

Rectangle

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



2D2720



262921



212930



2A272F

Sweetspot

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



2D2720



3B3835



2D2026



1F1D1B



9E9E9E



1F1F1F

Same Dimension

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



2D2720



3B3126



2D2D20



171615



572F00



D67300

Inverse Universe

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



20262D



26303B



20202D



151617



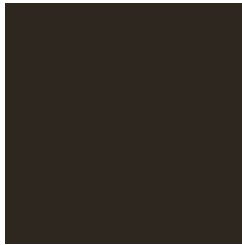
002857



0063D6

Previews

White Background



This preview shows how the Hex color 2D2720 looks on a white background.

Color Contrast Check

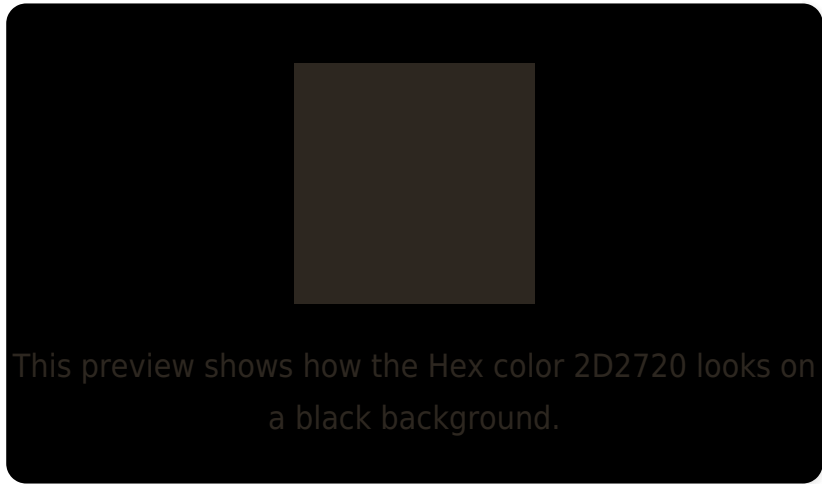
Large Text (above 18pt) WCAG AA ✓ Pass

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

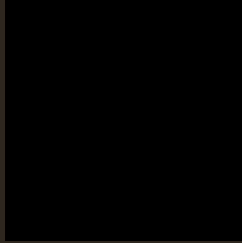
Any Text WCAG AA × Fail

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 2D2720 Background



This preview shows how black text looks on a background with the Hex color 2D2720.

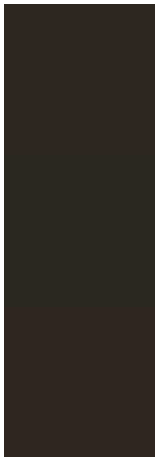


This preview shows how white text looks on a background with the Hex color 2D2720.

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
2D2720

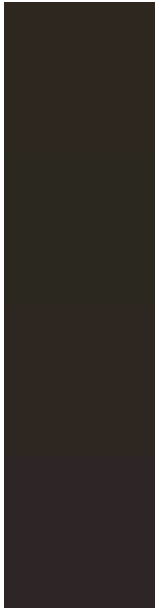
Protanopia
2A2820

Deuteranopia
2F2620



Tritanopia
2E2629

Trichromacy



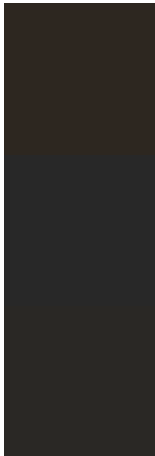
Original Color
2D2720

Protanomaly
2B2820

Deuteranomaly
2E2620

Tritanomaly
2E2626

Monochromacy



Original Color
2D2720

Achromatopsia
282828

Achromatomaly
2A2825

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2720 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 #2D2720 looks like.

```
.text, #text, p{  
    color:#2D2720  
}
```

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 #2D2720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2720
}
```

Border

The CSS property to change the border of an element to Hex 2D2720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

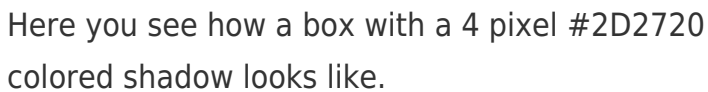
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2720 }
```

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

```
.border{ border-color:#2D2720 }
```

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



Here you see how a box with a 4 pixel #2D2720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2720; -webkit-box-shadow:4px 4px  
4px 4px #2D2720; box-shadow:4px 4px 4px  
4px #2D2720 }
```

Background

The CSS property to change the background color of an element to Hex 2D2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2720 }
```

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

```
.background{ background-color:#2D2720 }
```

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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