

Converting Colors

Hex(2F2826)

Have a look what the booklet for
Hex(2F2826) contains.

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Color

Hex(2F2826)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-------------------------|
| Hex | 2F2826 |
| RGB | 47, 40, 38 |
| RGB Percent | 18%, 16%, 15% |
| CMY | 0.8157, 0.8431, 0.8510 |
| CMYK | 0.00, 0.15, 0.19, 0.82 |
| HSL | 13°, 11%, 17% |
| HSV | 13°, 19%, 18% |
| XYZ | 2.2809, 2.2619, 2.1501 |
| YIQ | 41.8650, 4.8140, 0.8620 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 47, 41, 38 |
| Decimal | 3090470 |
| CIELab | 16.81, 2.82, 2.50 |
| CIElCh | 17, 3.769, 41.613 |
| Yxy | 2.2619, 0.3408, 0.3380 |
| Android (android.graphics.Color) | 4281280550 (0xFF2F2826) |
| YUV | 41.8650, -1.9054, 4.5034 |
| Hunter-Lab | 15.0395, 0.7527, 2.0514 |

Details

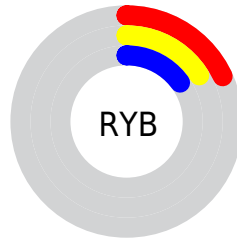
The Hex color **2F2826** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **262D2F**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5D5553**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2421**, and if you desaturate by 10%, it is **2F2C2B**.

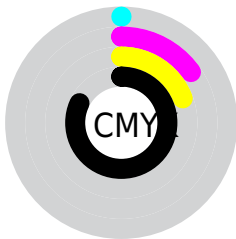
Distribution



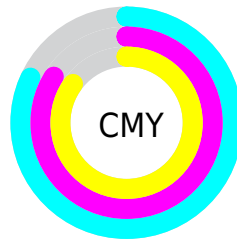
- Red (18%)
- Green (16%)
- Blue (15%)



- Red (18%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (82%)



- Cyan (82%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2826 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 2F2826 by changing the saturation by 10% instead.

■ 2F2826

■ 2F2826

FFFFFF

■ 1A1411

■ 5D5553

■ 000000

■ 766D6B

■ 8F8784

■ AAA19E

■ C5BCB9

■ E1D7D5

■ FEF4F1

■ 2F2826

■ 2F2826

■ 2F2421

■ 2F2C2B

■ 2F211D

■ 2F2F2F

■ 2F1D18

■ 2F3334

■ 2F1913

■ 2F3739

■ 2F160E

■ 2F3A3E

■ 2F120A

■ 2F3E42

■ 2F0E05

■ 2F4247

■ 2F0B00

■ 2F454C

■ 2F0A00

■ 2F4950

Harmonies

Analogous

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



2F2828



2F2826



2D2924

Triad

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



2F2826



252B28



28292F

Complementary

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



2F2826



262D2F

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.



252A2E



2F2826



232B2A

Square

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



2F2826



272A25



232B2D



2B282D

Rectangle

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



2F2826



2C2924



232B2D



272A2F

Sweetspot

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



2F2826



3D3A3A



2F262D



1F1D1C



9E9E9E



1F1F1F

Same Dimension

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



2F2826



3D322F



2F2C26



171515



571300



D63000

Inverse Universe

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



262D2F



2F3A3D



26292F



151617



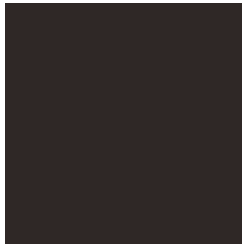
004357



00A7D6

Previews

White Background



This preview shows how the Hex color 2F2826 looks on a white background.

Color Contrast Check

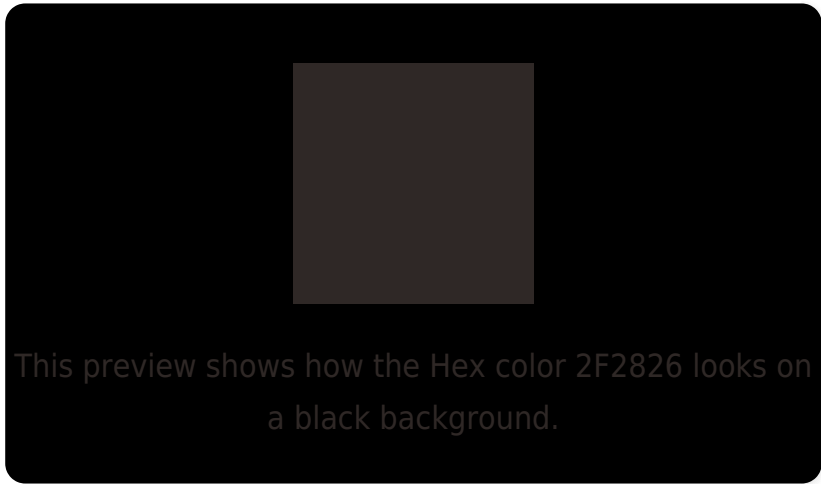
Large Text (above 18pt) WCAG AA ✓ Pass

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

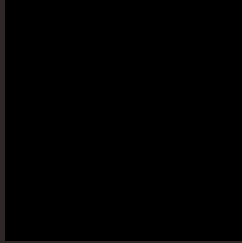
Any Text WCAG AA × Fail

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 2F2826 Background



This preview shows how black text looks on a background with the Hex color 2F2826.

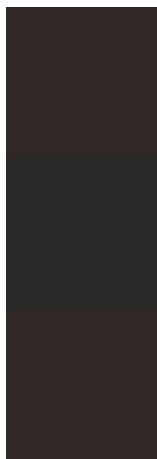


This preview shows how white text looks on a background with the Hex color 2F2826.

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
2F2826

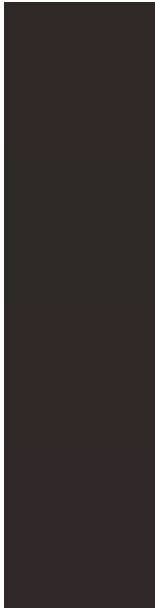
Protanopia
2B2927

Deuteranopia
2F2826



Tritanopia
30272A

Trichromacy



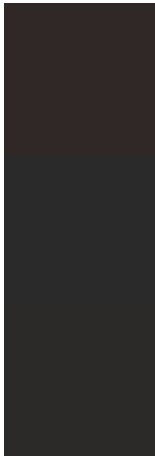
Original Color
2F2826

Protanomaly
2C2927

Deuteranomaly
2F2826

Tritanomaly
302729

Monochromacy



Original Color
2F2826

Achromatopsia
2A2A2A

Achromatomaly
2C2929

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2826 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 #2F2826 looks like.

```
.text, #text, p{  
    color:#2F2826  
}
```

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 #2F2826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2826
}
```

Border

The CSS property to change the border of an element to Hex 2F2826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

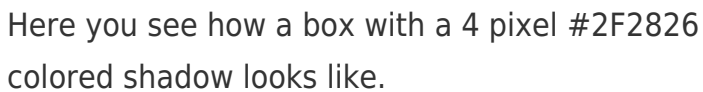
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2826 }
```

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

```
.border{ border-color:#2F2826 }
```

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



Here you see how a box with a 4 pixel #2F2826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2826; -webkit-box-shadow:4px 4px  
4px 4px #2F2826; box-shadow:4px 4px 4px  
4px #2F2826 }
```

Background

The CSS property to change the background color of an element to Hex 2F2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2826 }
```

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

```
.background{ background-color:#2F2826 }
```

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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