

Converting Colors

Hex(2B2826)

Have a look what the booklet for
Hex(2B2826) contains.

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Color

Hex(2B2826)

Conversions

Conversions Part 1

Format	Color
Hex	2B2826
RGB	43, 40, 38
RGB Percent	17%, 16%, 15%
CMY	0.8314, 0.8431, 0.8510
CMYK	0.00, 0.07, 0.12, 0.83
HSL	24°, 6%, 16%
HSV	24°, 12%, 17%
XYZ	2.1049, 2.1711, 2.1418
YIQ	40.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

Format	Color
RYB	43, 41, 38
Decimal	2828326
CIELab	16.36, 0.92, 1.81
CIELCh	16, 2.028, 62.872
Yxy	2.1711, 0.3280, 0.3383
Android (android.graphics.Color)	4281018406 (0xFF2B2826)
YUV	40.6690, -1.3158, 2.0443
Hunter-Lab	14.7347, -0.2864, 1.6959

Details

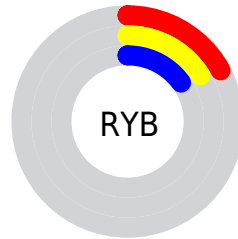
The Hex color **2B2826** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26292B**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **585553**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B2522**, and if you desaturate by 10%, it is **2B2B2A**.

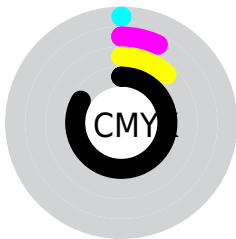
Distribution



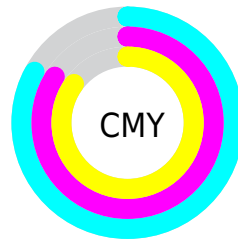
- Red (17%)
- Green (16%)
- Blue (15%)



- Red (17%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (83%)



- Cyan (83%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2826 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 2B2826 by changing the saturation by 10% instead.

■ 2B2826

■ 2B2826

FFFFFF

■ 171411

■ 585553

■ 000000

■ 716D6B

■ 8A8684

■ A5A19E

■ C0BCB9

■ DBD7D5

■ F8F4F1

■ 2B2826

■ 2B2826

■ 2B2522

■ 2B2B2A

■ 2B231D

■ 2B2D2F

■ 2B2019

■ 2B3033

■ 2B1E15

■ 2B3237

■ 2B1B10

■ 2B353C

■ 2B190C

■ 2B3740

■ 2B1608

■ 2B3A44

■ 2B1304

■ 2B3D48

■ 2B1100

■ 2B3F4D

Harmonies

Analogous

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



2C2827



2B2826



2A2826

Triad

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



2B2826



252929



29282B

Complementary

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



2B2826



26292B

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.



27292B



2B2826



25292A

Square

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



2B2826



262927



26292B



2B282A

Rectangle

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



2B2826



292926



26292B



28282B

Sweetspot

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



2B2826



383736



2B2629



1C1B1B



9C9C9C



1C1C1C

Same Dimension

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



2B2826



383330



2B2A26



141312



542200



D45500

Inverse Universe

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



26292B



303538



26272B



121414



003254



007FD4

Previews

White Background



This preview shows how the Hex color 2B2826 looks on a white background.

Color Contrast Check

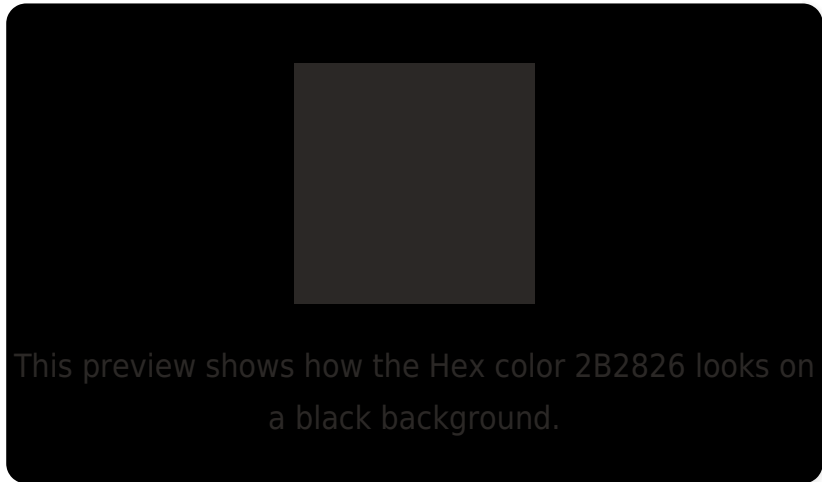
Large Text (above 18pt) WCAG AA ✓ Pass

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

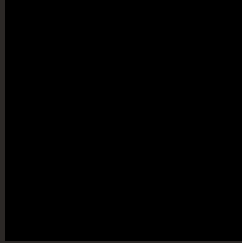
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

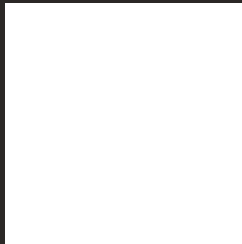
Any Text WCAG AAA × Fail

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

Hex 2B2826 Background



This preview shows how black text looks on a background with the Hex color 2B2826.



This preview shows how white text looks on a background with the Hex color 2B2826.

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
2B2826

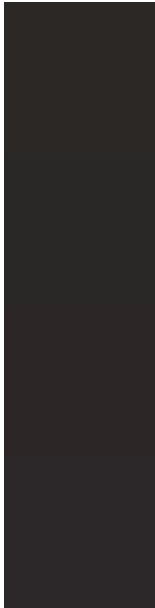
Protanopia
2A2826

Deuteranopia
2D2726



Tritanopia
2C272A

Trichromacy



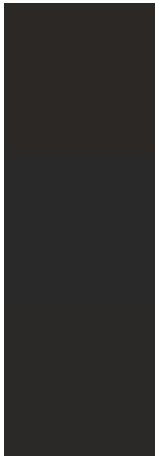
Original Color
2B2826

Protanomaly
2A2826

Deuteranomaly
2C2726

Tritanomaly
2C2729

Monochromacy



Original Color
2B2826

Achromatopsia
292929

Achromatomaly
2A2928

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2826 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 #2B2826 looks like.

```
.text, #text, p{  
    color:#2B2826  
}
```

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 #2B2826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2826
}
```

Border

The CSS property to change the border of an element to Hex 2B2826 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".

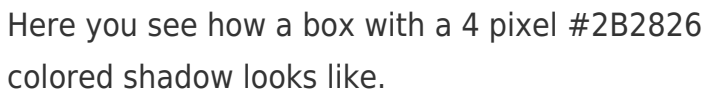
```
.border, #border, table{ border:4px solid
#2B2826 }
```

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

```
.border{ border-color:#2B2826 }
```

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

Here you see how a box with a 4 pixel #2B2826 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2826; -webkit-box-shadow:4px 4px  
4px 4px #2B2826; box-shadow:4px 4px 4px  
4px #2B2826 }
```

Background

The CSS property to change the background color of an element to Hex 2B2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2826 }
```

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

```
.background{ background-color:#2B2826 }
```

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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