

Converting Colors

Hex(2D2C18)

Have a look what the booklet for
Hex(2D2C18) contains.

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Color

Hex(2D2C18)

Conversions

Conversions Part 1

Format	Color
Hex	2D2C18
RGB	45, 44, 24
RGB Percent	18%, 17%, 9%
CMY	0.8235, 0.8275, 0.9059
CMYK	0.00, 0.02, 0.47, 0.82
HSL	57°, 30%, 14%
HSV	57°, 47%, 18%
XYZ	2.1477, 2.4252, 1.2191
YIQ	42.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

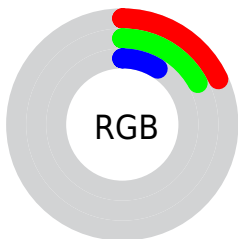
Format	Color
R_{YB}	25, 45, 24
Decimal	2960408
CIE Lab	17.58, -3.37, 13.15
CIE LCh	18, 13.574, 104.379
Yxy	2.4252, 0.3708, 0.4187
Android (android.graphics.Color)	4281150488 (0xFF2D2C18)
YUV	42.0190, -8.8834, 2.6143
Hunter-Lab	15.5731, -2.6352, 6.2599

Details

The Hex color **2D2C18** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18192D**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5B5943**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2C13**, and if you desaturate by 10%, it is **2D2C1D**.

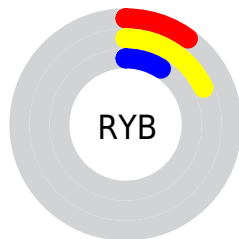
Distribution



Red (18%)

Green (17%)

Blue (9%)



Red (10%)

Yellow (18%)

Blue (9%)

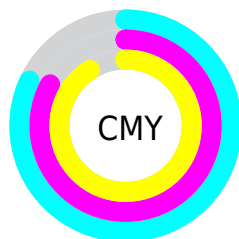


Cyan (0%)

Magenta (2%)

Yellow (47%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2C18 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 2D2C18 by changing the saturation by 10% instead.

 2D2C18

 2D2C18

 FFFFFB

 1A1700

 5B5943

 000000

 74725B

 8E8B73

 A8A68D

 C4C1A7

 E0DDC3

 FCF9DE

 2D2C18

 2D2C18

■ 2D2C13

■ 2D2C1D

■ 2D2C0F

■ 2D2C21

■ 2D2B0A

■ 2D2D26

■ 2D2B06

■ 2D2D2A

■ 2D2B01

■ 2D2D2F

■ 2D2B00

■ 2D2D33

■ 2D2E38

■ 2D2E3C

■ 2D2E41

Harmonies

Analogous

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



362918



2D2C18



222F1D

Triad

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



2D2C18



093038



3B2431

Complementary

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



2D2C18



18192D

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.



322739



2D2C18



152E3E

Square

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



2D2C18



0B3030



252A3E



3E2427

Rectangle

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



2D2C18



1A3022



252A3E



392534

Sweetspot

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



2D2C18



3B3A32



2D1819



1F1E19



9E9E9E



1F1F1F

Same Dimension

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



2D2C18



3B391A



242D18



171715



575300



D6CC00

Inverse Universe

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



18192D



1A1B3B



21182D



151517



000457



000AD6

Previews

White Background



This preview shows how the Hex color 2D2C18 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

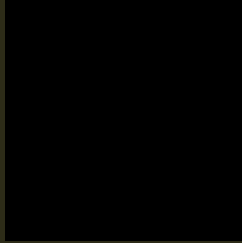
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

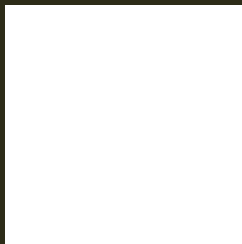
Any Text WCAG AAA × Fail

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

Hex 2D2C18 Background



This preview shows how black text looks on a background with the Hex color 2D2C18.

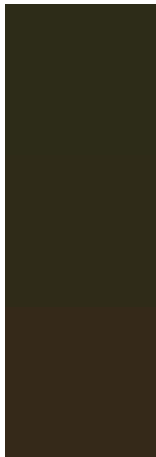


This preview shows how white text looks on a background with the Hex color 2D2C18.

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

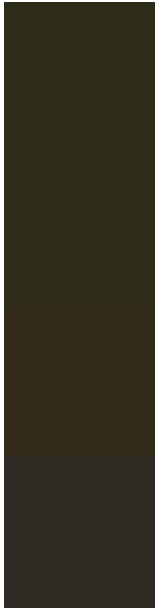


Original Color
2D2C18

Protanopia
2F2B18

Deuteranopia
352919

Trichromacy



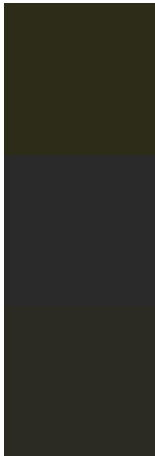
Original Color
2D2C18

Protanomaly
2E2B18

Deuteranomaly
322A19

Tritanomaly
2E2B25

Monochromacy



Original Color
2D2C18

Achromatopsia
2A2A2A

Achromatomaly
2B2B23

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2C18 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 #2D2C18 looks like.

```
.text, #text, p{  
    color:#2D2C18  
}
```

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 #2D2C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2C18
}
```

Border

The CSS property to change the border of an element to Hex 2D2C18 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
#2D2C18 }
```

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

```
.border{ border-color:#2D2C18 }
```

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

Here you see how a box with a 4 pixel #2D2C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2C18; -webkit-box-shadow:4px 4px  
4px 4px #2D2C18; box-shadow:4px 4px 4px  
4px #2D2C18 }
```

Background

The CSS property to change the background color of an element to Hex 2D2C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2C18 }
```

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

```
.background{ background-color:#2D2C18 }
```

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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