

Converting Colors

Hex(2D2B04)

Have a look what the booklet for
Hex(2D2B04) contains.

Hex(2D2B04)	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(2D2B04)

Conversions

Conversions Part 1

Format	Color
Hex	2D2B04
RGB	45, 43, 4
RGB Percent	18%, 17%, 2%
CMY	0.8235, 0.8314, 0.9843
CMYK	0.00, 0.04, 0.91, 0.82
HSL	57°, 84%, 10%
HSV	57°, 91%, 18%
XYZ	1.9680, 2.2944, 0.4540
YIQ	39.1520, 13.7110, -11.7050

Conversions

Conversions Part 2

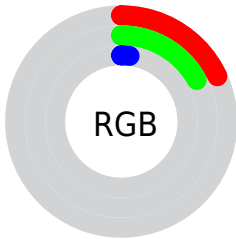
Format	Color
RYB	6, 45, 4
Decimal	2960132
CIELab	16.96, -4.78, 22.75
CIELCh	17, 23.248, 101.865
Yxy	2.2944, 0.4173, 0.4865
Android (android.graphics.Color)	4281150212 (0xFF2D2B04)
YUV	39.1520, -17.3299, 5.1287
Hunter-Lab	15.1473, -3.3166, 8.8260

Details

The Hex color **2D2B04** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **04062D**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5C5832**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2B00**, and if you desaturate by 10%, it is **2D2B09**.

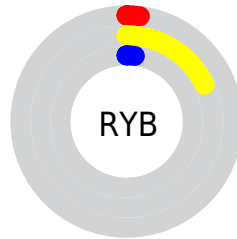
Distribution



Red (18%)

Green (17%)

Blue (2%)



Red (2%)

Yellow (18%)

Blue (2%)

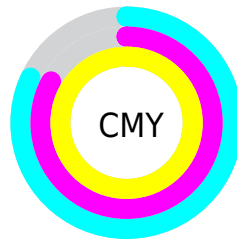


Cyan (0%)

Magenta (4%)

Yellow (91%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2B04 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 2D2B04 by changing the saturation by 10% instead.

 2D2B04

 2D2B04

 FFFFE6

 161700

 5C5832

 000000

 757149

 8F8A61

 AAA47A

 C6BF94

 E2DBAF

 FFF8CA

 2D2B04

 2D2B04

■ 2D2B00

■ 2D2B09

■ 2D2B0D

■ 2D2C11

■ 2D2C16

■ 2D2C1A

■ 2D2C1F

■ 2D2D24

■ 2D2D28

■ 2D2D2D

Harmonies

Analogous

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



3B2507



2D2B04



1A2F10

Triad

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



2D2B04



003140



431C35

Complementary

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



2D2B04



04062D

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.



332343



2D2B04



002E49

Square

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



2D2B04



003230



17294A



481B24

Rectangle

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



2D2B04



083119



17294A



3F1E3A

Sweetspot

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



2D2B04



3B3A2B



2D0406



1F1E15



9E9E9E



1F1F1F

Same Dimension

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



2D2B04



3B3800



1B2D04



171715



575200



D6CC00

Inverse Universe

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



04062D



00033B



16042D



151517



000457



000AD6

Previews

White Background



This preview shows how the Hex color 2D2B04 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

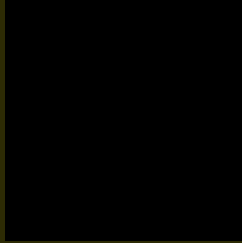
Any Text WCAG AA × Fail

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 2D2B04 Background



This preview shows how black text looks on a background with the Hex color 2D2B04.

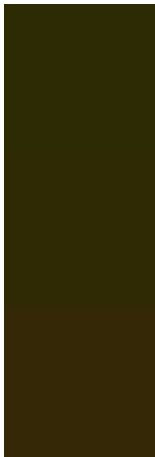


This preview shows how white text looks on a background with the Hex color 2D2B04.

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
2D2B04

Protanopia
2F2A04

Deuteranopia
352807



Tritanopia
30282B

Trichromacy



Original Color
2D2B04

Protanomaly
2E2A04

Deuteranomaly
322906

Tritanomaly
2F291D

Monochromacy



Original Color
2D2B04

Achromatopsia
272727

Achromatomaly
29281A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2B04 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 #2D2B04 looks like.

```
.text, #text, p{  
    color:#2D2B04  
}
```

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 #2D2B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2B04  
}
```

Border

The CSS property to change the border of an element to Hex 2D2B04 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".

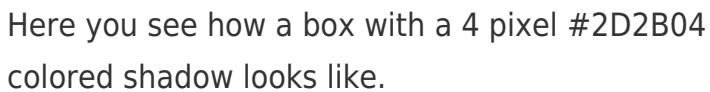
```
.border, #border, table{ border:4px solid  
#2D2B04 }
```

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

```
.border{ border-color:#2D2B04 }
```

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

Here you see how a box with a 4 pixel #2D2B04 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2B04; -webkit-box-shadow:4px 4px  
4px 4px #2D2B04; box-shadow:4px 4px 4px  
4px #2D2B04 }
```

Background

The CSS property to change the background color of an element to Hex 2D2B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2B04 }
```

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

```
.background{ background-color:#2D2B04 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor