

Converting Colors

Hex(2D2E06)

Have a look what the booklet for
Hex(2D2E06) contains.

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Color

Hex(2D2E06)

Conversions

Conversions Part 1

Format	Color
Hex	2D2E06
RGB	45, 46, 6
RGB Percent	18%, 18%, 2%
CMY	0.8235, 0.8196, 0.9765
CMYK	0.02, 0.00, 0.87, 0.82
HSL	61°, 77%, 10%
HSV	61°, 87%, 18%
XYZ	2.0921, 2.5250, 0.5494
YIQ	41.1410, 12.2440, -12.6520

Conversions

Conversions Part 2

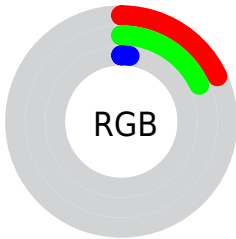
Format	Color
RYB	6, 46, 7
Decimal	2960902
CIELab	18.03, -6.56, 23.23
CIELCh	18, 24.139, 105.775
Yxy	2.5250, 0.4049, 0.4887
Android (android.graphics.Color)	4281150982 (0xFF2D2E06)
YUV	41.1410, -17.3245, 3.3843
Hunter-Lab	15.8903, -4.3075, 9.0733

Details

The Hex color **2D2E06** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **07062E**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5C5C33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2E01**, and if you desaturate by 10%, it is **2D2E0B**.

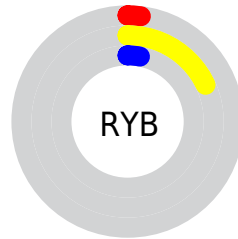
Distribution



Red (18%)

Green (18%)

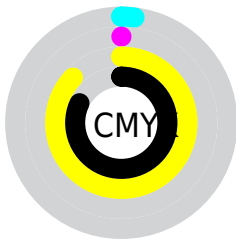
Blue (2%)



Red (2%)

Yellow (18%)

Blue (3%)

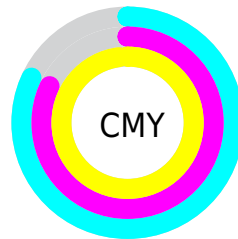


Cyan (2%)

Magenta (0%)

Yellow (87%)

Black (82%)



Cyan (82%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2E06 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 2D2E06 by changing the saturation by 10% instead.

 2D2E06

 2D2E06

 FFFFE8

 171A00

 5C5C33

 000000

 75744A

 8F8E63

 AAA87C

 C6C396

 E2DFB1

 FFFCCC

 2D2E06

 2D2E06

■ 2D2E01

■ 2D2E0B

■ 2D2E00

■ 2D2E0F

■ 2D2E14

■ 2D2E18

■ 2E2E1D

■ 2E2E22

■ 2E2E26

■ 2E2E2B

■ 2E2E2F

Harmonies

Analogous

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



3D2807



2D2E06



193213

Triad

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



2D2E06



003345



481E35

Complementary

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



2D2E06



07062E

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.



392445



2D2E06



00304E

Square

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



2D2E06



003535



1D2B4E



4C1D24

Rectangle

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



2D2E06



04341D



1D2B4E



441F3B

Sweetspot

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



2D2E06



3A3B2B



2E0706



1E1F15



9E9E9E



1F1F1F

Same Dimension

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



2D2E06



393B00



192E06



171715



555700



D1D600

Inverse Universe

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



07062E



01003B



1B062E



151517



020057



0500D6

Previews

White Background



This preview shows how the Hex color 2D2E06 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

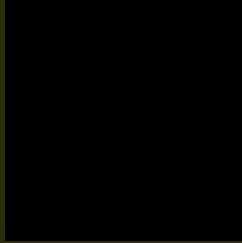
Any Text WCAG AA × Fail

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 2D2E06 Background



This preview shows how black text looks on a background with the Hex color 2D2E06.



This preview shows how white text looks on a background with the Hex color 2D2E06.

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
2D2E06

Protanopia
322C05

Deuteranopia
382A09



Tritanopia
302B2E

Trichromacy



Original Color
2D2E06

Protanomaly
302D05

Deuteranomaly
342B08

Tritanomaly
2F2C1F

Monochromacy



Original Color
2D2E06

Achromatopsia
292929

Achromatomaly
2A2B1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2E06 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 #2D2E06 looks like.

```
.text, #text, p{  
    color:#2D2E06  
}
```

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 #2D2E06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2E06  
}
```

Border

The CSS property to change the border of an element to Hex 2D2E06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

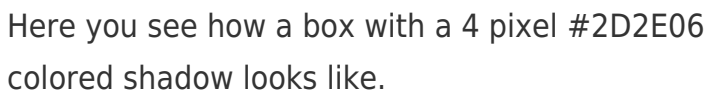
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2D2E06 }
```

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

```
.border{ border-color:#2D2E06 }
```

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



Here you see how a box with a 4 pixel #2D2E06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2E06; -webkit-box-shadow:4px 4px  
4px 4px #2D2E06; box-shadow:4px 4px 4px  
4px #2D2E06 }
```

Background

The CSS property to change the background color of an element to Hex 2D2E06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2E06 }
```

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

```
.background{ background-color:#2D2E06 }
```

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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