

Converting Colors

Hex(2D2D05)

Have a look what the booklet for
Hex(2D2D05) contains.

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Color

Hex(2D2D05)

Conversions

Conversions Part 1

Format	Color
Hex	2D2D05
RGB	45, 45, 5
RGB Percent	18%, 18%, 2%
CMY	0.8235, 0.8235, 0.9804
CMYK	0.00, 0.00, 0.89, 0.82
HSL	60°, 80%, 10%
HSV	60°, 89%, 18%
XYZ	2.0480, 2.4456, 0.5077
YIQ	40.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

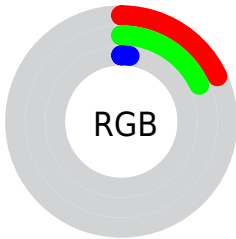
Format	Color
RYB	5, 45, 5
Decimal	2960645
CIELab	17.67, -6.00, 23.21
CIELCh	18, 23.968, 104.496
Yxy	2.4456, 0.4095, 0.4890
Android (android.graphics.Color)	4281150725 (0xFF2D2D05)
YUV	40.4400, -17.4719, 3.9991
Hunter-Lab	15.6385, -3.9915, 9.0221

Details

The Hex color **2D2D05** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **05052D**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5C5A33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2D01**, and if you desaturate by 10%, it is **2D2D0A**.

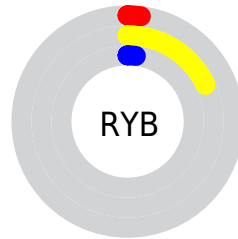
Distribution



Red (18%)

Green (18%)

Blue (2%)



Red (2%)

Yellow (18%)

Blue (2%)

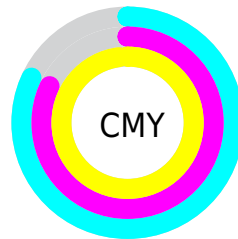


Cyan (0%)

Magenta (0%)

Yellow (89%)

Black (82%)



Cyan (82%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2D05 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 2D2D05 by changing the saturation by 10% instead.

 2D2D05

 2D2D05

 FFFFE7

 171900

 5C5A33

 000000

 75734A

 8F8C62

 AAA77B

 C6C295

 E2DEB0

 FFFACB

 2D2D05

 2D2D05

■ 2D2D01

■ 2D2D0A

■ 2D2D00

■ 2D2D0E

■ 2D2D13

■ 2D2D17

■ 2D2D1C

■ 2D2D20

■ 2D2D25

■ 2D2D29

■ 2D2D2E

Harmonies

Analogous

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



3C2706



2D2D05



193111

Triad

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



2D2D05



003343



461D35

Complementary

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



2D2D05



05052D

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.



372344



2D2D05



00304C

Square

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



2D2D05



003433



1B2A4D



4B1C24

Rectangle

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



2D2D05



05331C



1B2A4D



421F3A

Sweetspot

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



2D2D05



3B3B2B



2D0505



1F1F15



9E9E9E



1F1F1F

Same Dimension

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



2D2D05



3B3B00



192D05



171715



575700



D6D600

Inverse Universe

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



05052D



00003B



19052D



151517



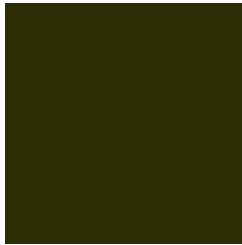
000057



0000D6

Previews

White Background



This preview shows how the Hex color 2D2D05 looks on a white background.

Color Contrast Check

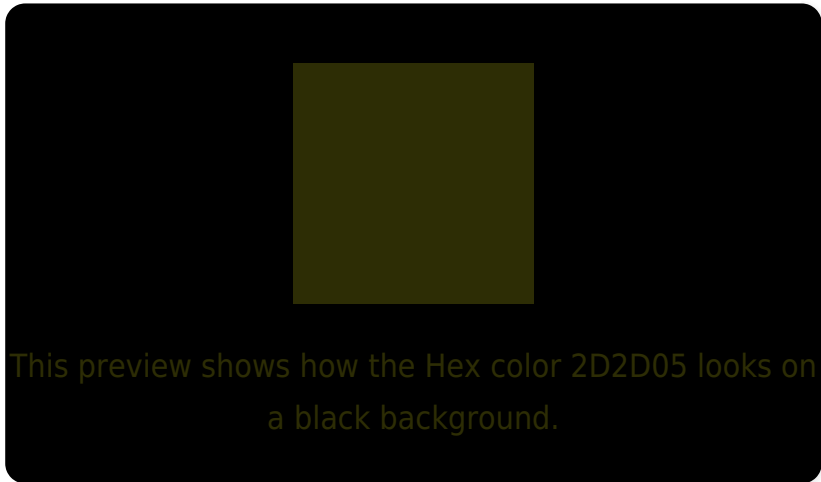
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D2D05 Background



This preview shows how black text looks on a background with the Hex color 2D2D05.



This preview shows how white text looks on a background with the Hex color 2D2D05.

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
2D2D05

Protanopia
312C04

Deuteranopia
372908

Trichromacy



Original Color
2D2D05

Protanomaly
302C04

Deuteranomaly
332A07

Tritanomaly
2F2B1E

Monochromacy



Original Color
2D2D05

Achromatopsia
282828

Achromatomaly
2A2A1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2D05 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 #2D2D05 looks like.

```
.text, #text, p{  
    color:#2D2D05  
}
```

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 #2D2D05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2D05
}
```

Border

The CSS property to change the border of an element to Hex 2D2D05 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".

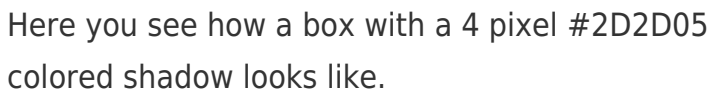
```
.border, #border, table{ border:4px solid
#2D2D05 }
```

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

```
.border{ border-color:#2D2D05 }
```

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

Here you see how a box with a 4 pixel #2D2D05 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2D05; -webkit-box-shadow:4px 4px  
4px 4px #2D2D05; box-shadow:4px 4px 4px  
4px #2D2D05 }
```

Background

The CSS property to change the background color of an element to Hex 2D2D05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2D05 }
```

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

```
.background{ background-color:#2D2D05 }
```

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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