

Converting Colors

Hex(2D2A09)

Have a look what the booklet for
Hex(2D2A09) contains.

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Color

Hex(2D2A09)

Conversions

Conversions Part 1

Format	Color
Hex	2D2A09
RGB	45, 42, 9
RGB Percent	18%, 16%, 4%
CMY	0.8235, 0.8353, 0.9647
CMYK	0.00, 0.07, 0.80, 0.82
HSL	55°, 67%, 11%
HSV	55°, 80%, 18%
XYZ	1.9595, 2.2335, 0.5863
YIQ	39.1350, 12.3810, -9.6270

Conversions

Conversions Part 2

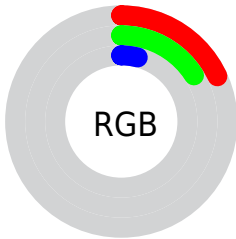
Format	Color
RYB	12, 45, 9
Decimal	2959881
CIELab	16.67, -3.71, 20.35
CIElCh	17, 20.688, 100.333
Yxy	2.2335, 0.4100, 0.4673
Android (android.graphics.Color)	4281149961 (0xFF2D2A09)
YUV	39.1350, -14.8566, 5.1436
Hunter-Lab	14.9450, -2.7505, 8.1356

Details

The Hex color **2D2A09** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **090C2D**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5C5735**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2A04**, and if you desaturate by 10%, it is **2D2A0E**.

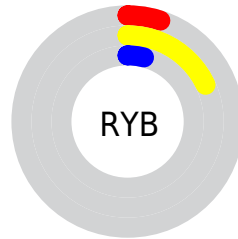
Distribution



Red (18%)

Green (16%)

Blue (4%)



Red (5%)

Yellow (18%)

Blue (4%)

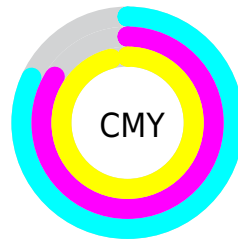


Cyan (0%)

Magenta (7%)

Yellow (80%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2A09 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 2D2A09 by changing the saturation by 10% instead.

 2D2A09

 2D2A09

 FFFFEA

 171600

 5C5735

 000000

 756F4C

 8F8964

 AAA37E

 C5BE98

 E1DAB2

 FEF6CE

 2D2A09

 2D2A09

■ 2D2A04

■ 2D2A0E

■ 2D2900

■ 2D2B12

■ 2D2B17

■ 2D2C1B

■ 2D2C20

■ 2D2C24

■ 2D2D29

■ 2D2D2D

■ 2D2D32

Harmonies

Analogous

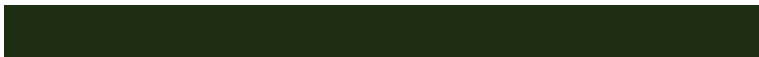
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3A250C



2D2A09



1D2E12

Triad

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



2D2A09



00303C



3F1E33

Complementary

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



2D2A09



090C2D

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.



312340



2D2A09



002D45

Square

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



2D2A09



00312E



192946



451C25

Rectangle

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



2D2A09



0F2F1A



192946



3B1F38

Sweetspot

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



2D2A09



3B392D



2D090C



1F1E16



9E9E9E



1F1F1F

Same Dimension

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



2D2A09



3B3602



1E2D09



171715



574F00



D6C400

Inverse Universe

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



090C2D



02073B



18092D



151517



000757



0012D6

Previews

White Background



This preview shows how the Hex color 2D2A09 looks on a white background.

Color Contrast Check

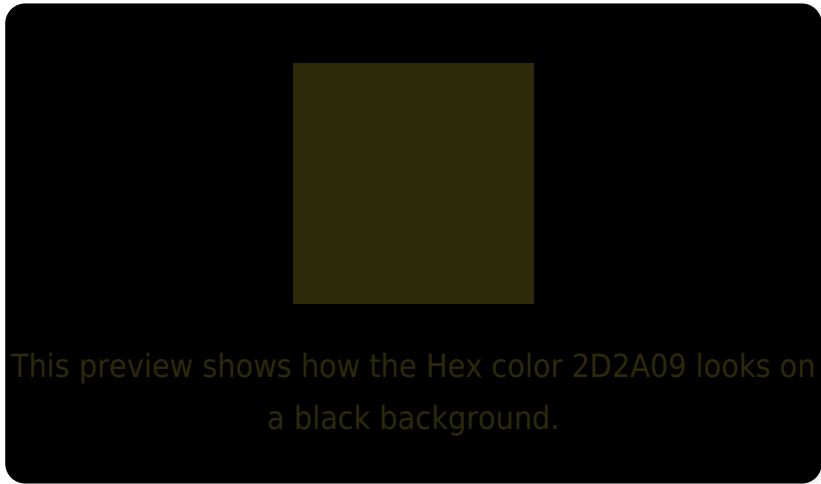
Large Text (above 18pt) WCAG AA ✓ Pass

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

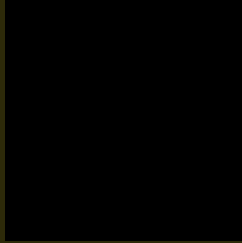
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

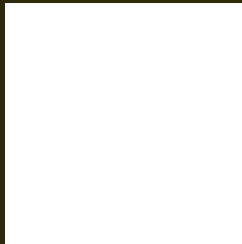
Any Text WCAG AAA × Fail

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

Hex 2D2A09 Background



This preview shows how black text looks on a background with the Hex color 2D2A09.

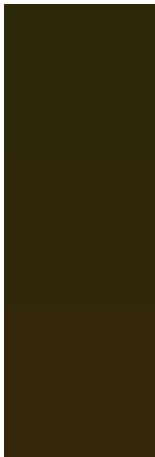


This preview shows how white text looks on a background with the Hex color 2D2A09.

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
2D2A09

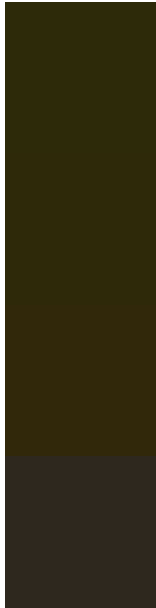
Protanopia
2F2909

Deuteranopia
34270A



Tritanopia
2F272A

Trichromacy



Original Color
2D2A09

Protanomaly
2E2909

Deuteranomaly
31280A

Tritanomaly
2E281E

Monochromacy



Original Color
2D2A09

Achromatopsia
272727

Achromatomaly
29281C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2A09 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 #2D2A09 looks like.

```
.text, #text, p{  
    color:#2D2A09  
}
```

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 #2D2A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2A09
}
```

Border

The CSS property to change the border of an element to Hex 2D2A09 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
#2D2A09 }
```

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

```
.border{ border-color:#2D2A09 }
```

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

Here you see how a box with a 4 pixel #2D2A09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2A09; -webkit-box-shadow:4px 4px  
4px 4px #2D2A09; box-shadow:4px 4px 4px  
4px #2D2A09 }
```

Background

The CSS property to change the background color of an element to Hex 2D2A09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2A09 }
```

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

```
.background{ background-color:#2D2A09 }
```

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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