

Converting Colors

Hex(2D300A)

Have a look what the booklet for
Hex(2D300A) contains.

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Color

Hex(2D300A)

Conversions

Conversions Part 1

Format	Color
Hex	2D300A
RGB	45, 48, 10
RGB Percent	18%, 19%, 4%
CMY	0.8235, 0.8118, 0.9608
CMYK	0.06, 0.00, 0.79, 0.81
HSL	65°, 66%, 11%
HSV	65°, 79%, 19%
XYZ	2.1939, 2.6937, 0.6915
YIQ	42.7710, 10.4100, -12.4540

Conversions

Conversions Part 2

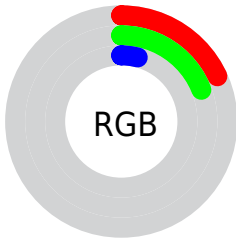
Format	Color
R_{YB}	10, 48, 13
Decimal	2961418
CIE Lab	18.77, -7.52, 22.48
CIE LCh	19, 23.701, 108.499
Yxy	2.6937, 0.3932, 0.4828
Android (android.graphics.Color)	4281151498 (0xFF2D300A)
YUV	42.7710, -16.1561, 1.9548
Hunter-Lab	16.4125, -4.8611, 8.9909

Details

The Hex color **2D300A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D0A30**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5C5E36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D3005**, and if you desaturate by 10%, it is **2D300F**.

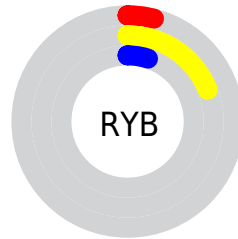
Distribution



Red (18%)

Green (19%)

Blue (4%)



Red (4%)

Yellow (19%)

Blue (5%)

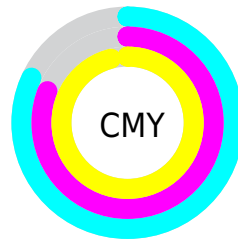


Cyan (6%)

Magenta (0%)

Yellow (79%)

Black (81%)



Cyan (82%)

Magenta (81%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D300A 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 2D300A by changing the saturation by 10% instead.

 2D300A

 2D300A

 FFFFEC

 181B00

 5C5E36

 000000

 75774D

 8F9066

 AAAB7F

 C5C699

 E2E2B4

 FEFED0

 2D300A

 2D300A

■ 2D3005

■ 2D300F

■ 2C3000

■ 2E3014

■ 2E3018

■ 2F301D

■ 2F3022

■ 2F3027

■ 30302C

■ 303030

■ 303035

Harmonies

Analogous

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



3D2A09



2D300A



193416

Triad

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



2D300A



003547



4A1F35

Complementary

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



2D300A



0D0A30

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.



3C2545



2D300A



00314F

Square

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



2D300A



003638



232C4E



4D1F24

Rectangle

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



2D300A



033520



232C4E



46213B

Sweetspot

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



2D300A



3C3D2F



300D0A



1E1F16



9E9E9E



1F1F1F

Same Dimension

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



2D300A



393D03



1A300A



171715



505700



C5D600

Inverse Universe

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



0D0A30



08033D



200A30



151517



070057



1100D6

Previews

White Background



This preview shows how the Hex color 2D300A looks on a white background.

Color Contrast Check

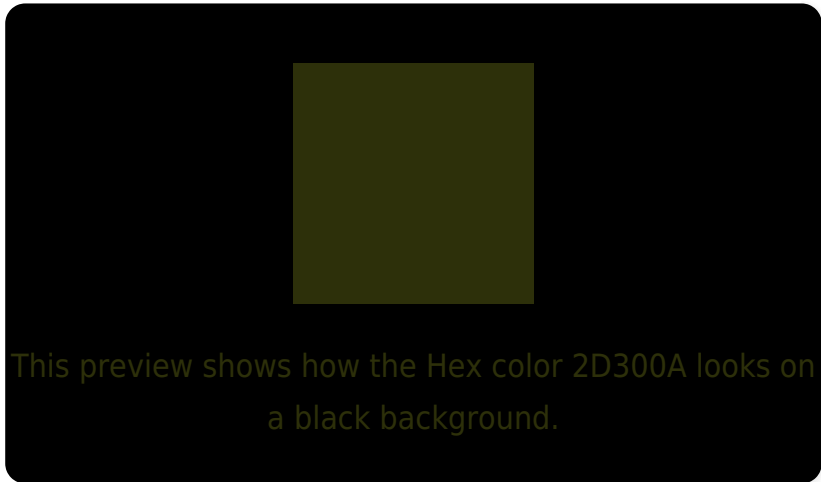
Large Text (above 18pt) WCAG AA ✓ Pass

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

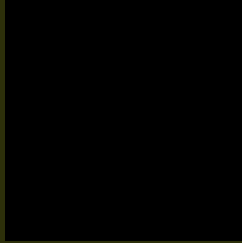
Any Text WCAG AA × Fail

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 2D300A Background



This preview shows how black text looks on a background with the Hex color 2D300A.

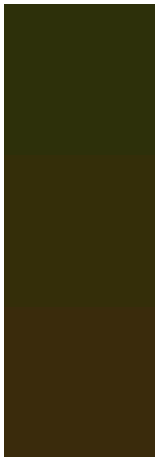


This preview shows how white text looks on a background with the Hex color 2D300A.

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
2D300A

Protanopia
342E09

Deuteranopia
3A2B0C



Tritanopia
302D30

Trichromacy



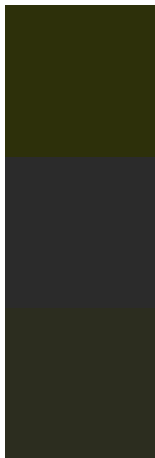
Original Color
2D300A

Protanomaly
312F09

Deuteranomaly
352D0B

Tritanomaly
2F2E22

Monochromacy



Original Color
2D300A

Achromatopsia
2B2B2B

Achromatomaly
2C2D1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D300A 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 #2D300A looks like.

```
.text, #text, p{  
    color:#2D300A  
}
```

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 #2D300A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D300A
}
```

Border

The CSS property to change the border of an element to Hex 2D300A 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".

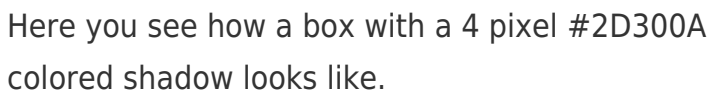
```
.border, #border, table{ border:4px solid
#2D300A }
```

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

```
.border{ border-color:#2D300A }
```

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

Here you see how a box with a 4 pixel #2D300A 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 #2D300A; -webkit-box-shadow:4px 4px  
4px 4px #2D300A; box-shadow:4px 4px 4px  
4px #2D300A }
```

Background

The CSS property to change the background color of an element to Hex 2D300A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D300A }
```

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

```
.background{ background-color:#2D300A }
```

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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