

Converting Colors

Hex(28300A)

Have a look what the booklet for
Hex(28300A) contains.

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Color

Hex(28300A)

Conversions

Conversions Part 1

Format	Color
Hex	28300A
RGB	40, 48, 10
RGB Percent	16%, 19%, 4%
CMY	0.8431, 0.8118, 0.9608
CMYK	0.17, 0.00, 0.79, 0.81
HSL	73°, 66%, 11%
HSV	73°, 79%, 19%
XYZ	1.9868, 2.5869, 0.6818
YIQ	41.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

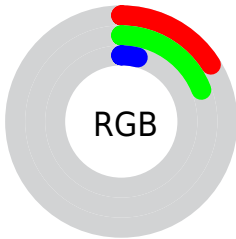
Format	Color
RYB	10, 48, 18
Decimal	2633738
CIELab	18.31, -10.14, 21.81
CIELCh	18, 24.055, 114.936
Yxy	2.5869, 0.3780, 0.4922
Android (android.graphics.Color)	4280823818 (0xFF28300A)
YUV	41.2760, -15.4191, -1.1191
Hunter-Lab	16.0840, -6.0973, 8.7456

Details

The Hex color **28300A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **120A30**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **565E36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **273005**, and if you desaturate by 10%, it is **29300F**.

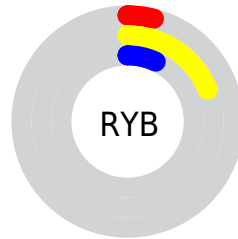
Distribution



Red (16%)

Green (19%)

Blue (4%)



Red (4%)

Yellow (19%)

Blue (7%)

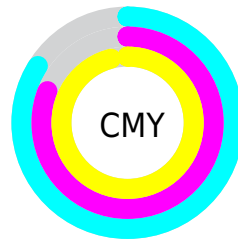


Cyan (17%)

Magenta (0%)

Yellow (79%)

Black (81%)



Cyan (84%)

Magenta (81%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28300A 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 28300A by changing the saturation by 10% instead.

 28300A

 28300A

 FFFFEC

 121B00

 565E36

 000000

 6F774D

 899066

 A3AB7F

 BFC699

 DBE2B4

 F7FFCF

 28300A

 28300A

■ 273005

■ 29300F

■ 263000

■ 2A3014

■ 2B3018

■ 2C301D

■ 2D3022

■ 2E3027

■ 2F302C

■ 303030

■ 313035

Harmonies

Analogous

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



392B06



28300A



113318

Triad

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



28300A



003349



4B1D30

Complementary

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



28300A



120A30

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.



3F2241



28300A



002F4F

Square

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



28300A



00353B



28294C



4C1E1F

Rectangle

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



28300A



003523



28294C



481E36

Sweetspot

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



28300A



3A3D2F



30120A



1D1F16



9E9E9E



1F1F1F

Same Dimension

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



28300A



313D03



15300A



161715



445700



A9D600

Inverse Universe

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



120A30



0F033D



250A30



151517



120057



2D00D6

Previews

White Background



This preview shows how the Hex color 28300A looks on a white background.

Color Contrast Check

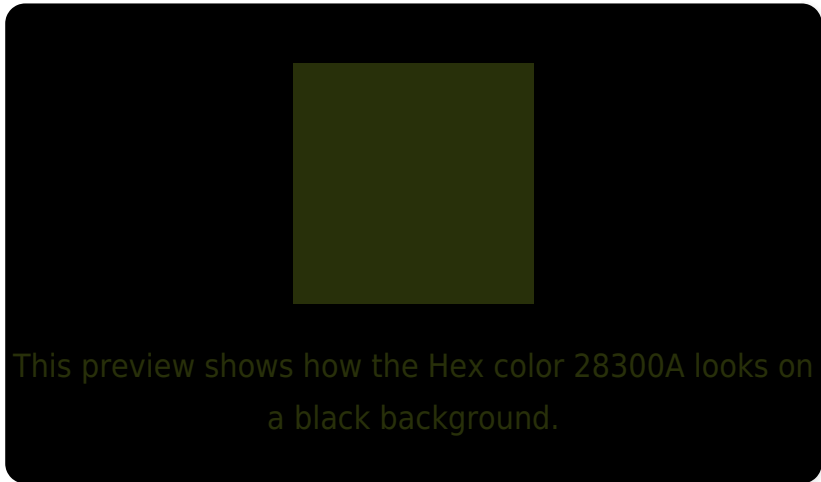
Large Text (above 18pt) WCAG AA ✓ Pass

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

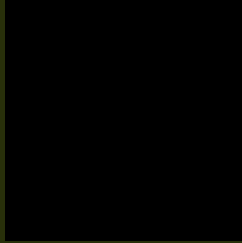
Any Text WCAG AA × Fail

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 28300A Background



This preview shows how black text looks on a background with the Hex color 28300A.

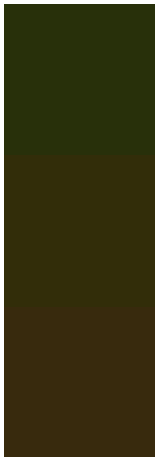


This preview shows how white text looks on a background with the Hex color 28300A.

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
28300A

Protanopia
322D09

Deuteranopia
382A0D

Trichromacy



Original Color
28300A

Protanomaly
2E2E09

Deuteranomaly
322C0C

Tritanomaly
2B2E22

Monochromacy



Original Color
28300A

Achromatopsia
292929

Achromatomaly
292C1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 28300A 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 #28300A looks like.

```
.text, #text, p{  
    color:#28300A  
}
```

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 #28300A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28300A
}
```

Border

The CSS property to change the border of an element to Hex 28300A 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".

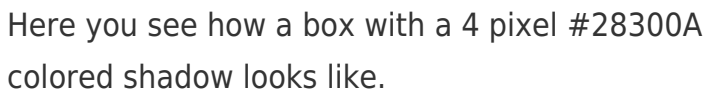
```
.border, #border, table{ border:4px solid
#28300A }
```

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

```
.border{ border-color:#28300A }
```

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

Here you see how a box with a 4 pixel #28300A 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 #28300A; -webkit-box-shadow:4px 4px  
4px 4px #28300A; box-shadow:4px 4px 4px  
4px #28300A }
```

Background

The CSS property to change the background color of an element to Hex 28300A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28300A }
```

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

```
.background{ background-color:#28300A }
```

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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