

Converting Colors

Hex(2C300E)

Have a look what the booklet for
Hex(2C300E) contains.

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Color

Hex(2C300E)

Conversions

Conversions Part 1

Format	Color
Hex	2C300E
RGB	44, 48, 14
RGB Percent	17%, 19%, 5%
CMY	0.8275, 0.8118, 0.9451
CMYK	0.08, 0.00, 0.71, 0.81
HSL	67°, 55%, 12%
HSV	67°, 71%, 19%
XYZ	2.1749, 2.6811, 0.8183
YIQ	42.9280, 8.5300, -11.4220

Conversions

Conversions Part 2

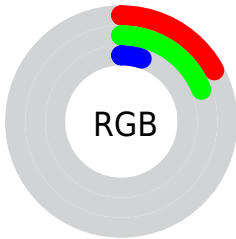
Format	Color
RYB	14, 48, 18
Decimal	2895886
CIELab	18.72, -7.70, 20.57
CIElCh	19, 21.962, 110.519
Yxy	2.6811, 0.3833, 0.4725
Android (android.graphics.Color)	4281085966 (0xFF2C300E)
YUV	42.9280, -14.2615, 0.9401
Hunter-Lab	16.3740, -4.9448, 8.4986

Details

The Hex color **2C300E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **120E30**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5B5E39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B3009**, and if you desaturate by 10%, it is **2D3013**.

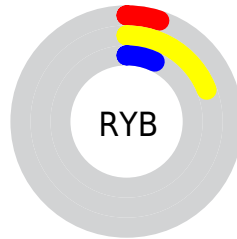
Distribution



Red (17%)

Green (19%)

Blue (5%)



Red (5%)

Yellow (19%)

Blue (7%)

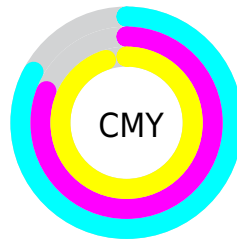


Cyan (8%)

Magenta (0%)

Yellow (71%)

Black (81%)



Cyan (83%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C300E 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 2C300E by changing the saturation by 10% instead.

 2C300E

 2C300E

 FFFFF0

 171B00

 5B5E39

 000000

 747751

 8E9069

 A8AB82

 C4C69C

 E0E2B7

 FCFFD3

 2C300E

 2C300E

■ 2B3009

■ 2D3013

■ 2B3004

■ 2D3018

■ 2A3000

■ 2E301C

■ 2E3021

■ 2F3026

■ 2F302B

■ 303030

■ 313034

■ 313039

Harmonies

Analogous

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



3B2B0D



2C300E



193319

Triad

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



2C300E



003446



482033

Complementary

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



2C300E



120E30

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.



3C2542



2C300E



00314D

Square

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



2C300E



003538



262B4B



4B2023

Rectangle

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



2C300E



063522



262B4B



452139

Sweetspot

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



2C300E



3C3D30



30120E



1E1F17



9E9E9E



1F1F1F

Same Dimension

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



2C300E



373D09



1B300E



171715



4D5700



BDD600

Inverse Universe

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



120E30



0F093D



230E30



151517



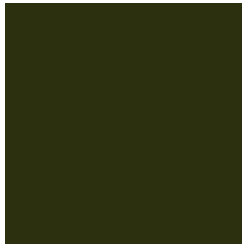
0A0057



1900D6

Previews

White Background



This preview shows how the Hex color 2C300E looks on a white background.

Color Contrast Check

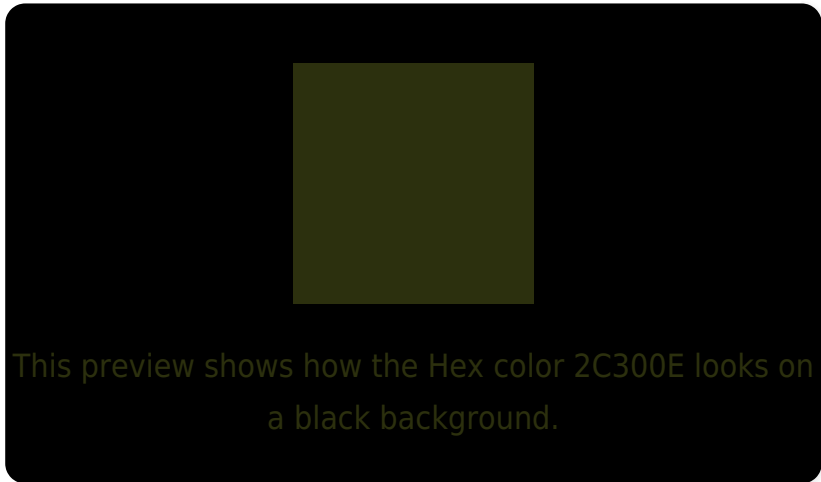
Large Text (above 18pt) WCAG AA ✓ Pass

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

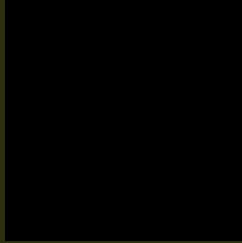
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

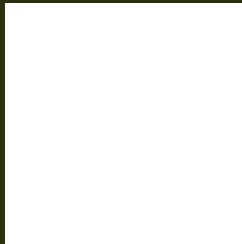
Any Text WCAG AAA × Fail

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

Hex 2C300E Background



This preview shows how black text looks on a background with the Hex color 2C300E.

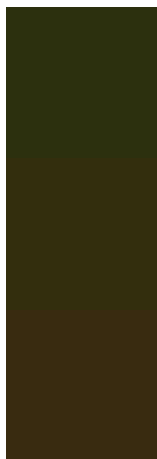


This preview shows how white text looks on a background with the Hex color 2C300E.

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
2C300E

Protanopia
332E0D

Deuteranopia
392B10



Tritanopia
2F2D30

Trichromacy



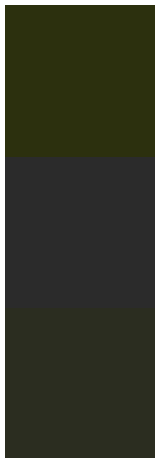
Original Color
2C300E

Protanomaly
302F0D

Deuteranomaly
342D0F

Tritanomaly
2E2E24

Monochromacy



Original Color
2C300E

Achromatopsia
2B2B2B

Achromatomaly
2B2D20

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C300E 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 #2C300E looks like.

```
.text, #text, p{  
    color:#2C300E  
}
```

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 #2C300E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C300E
}
```

Border

The CSS property to change the border of an element to Hex 2C300E is called "border". The border property can be set on classes, ids or directly on the HTML element.

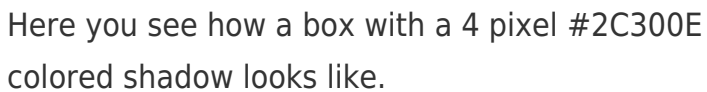
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C300E }
```

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

```
.border{ border-color:#2C300E }
```

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



Here you see how a box with a 4 pixel #2C300E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C300E; -webkit-box-shadow:4px 4px  
4px 4px #2C300E; box-shadow:4px 4px 4px  
4px #2C300E }
```

Background

The CSS property to change the background color of an element to Hex 2C300E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C300E }
```

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

```
.background{ background-color:#2C300E }
```

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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