

Converting Colors

Hex(2A3C0D)

Have a look what the booklet for
Hex(2A3C0D) contains.

Hex(2A3C0D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A3C0D)

Conversions

Conversions Part 1

Format	Color
Hex	2A3C0D
RGB	42, 60, 13
RGB Percent	16%, 24%, 5%
CMY	0.8353, 0.7647, 0.9490
CMYK	0.30, 0.00, 0.78, 0.76
HSL	83°, 64%, 14%
HSV	83°, 78%, 24%
XYZ	2.6433, 3.7530, 0.9659
YIQ	49.2600, 4.3590, -18.4330

Conversions

Conversions Part 2

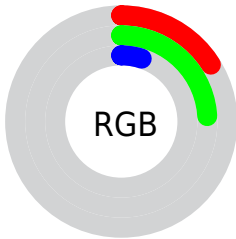
Format	Color
RYB	13, 60, 31
Decimal	2767885
CIELab	22.84, -15.92, 25.56
CIELCh	23, 30.110, 121.910
Yxy	3.7530, 0.3590, 0.5098
Android (android.graphics.Color)	4280957965 (0xFF2A3C0D)
YUV	49.2600, -17.8762, -6.3670
Hunter-Lab	19.3727, -9.5464, 10.6049

Details

The Hex color **2A3C0D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1F0D3C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **596B3A**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **283C07**, and if you desaturate by 10%, it is **2C3C13**.

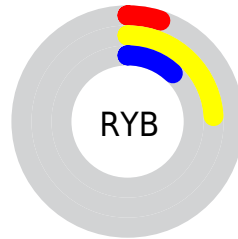
Distribution



Red (16%)

Green (24%)

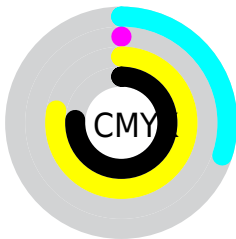
Blue (5%)



Red (5%)

Yellow (24%)

Blue (12%)

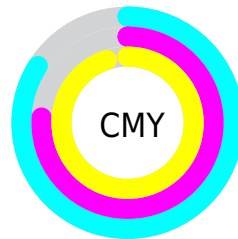


Cyan (30%)

Magenta (0%)

Yellow (78%)

Black (76%)



Cyan (84%)

Magenta (76%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A3C0D 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 2A3C0D by changing the saturation by 10% instead.

 2A3C0D

 2A3C0D

 FFFFF1

 152600

 596B3A

 001200

 728551

 000000

 8C9F6A

 A7BA83

 C2D69E

 DFF2B9

 FBFFD5

 2A3C0D

 2A3C0D

■ 283C07

■ 2C3C13

■ 253C01

■ 2F3C19

■ 253C00

■ 313C1F

■ 333C25

■ 353C2B

■ 383C31

■ 3A3C37

■ 3C3C3D

■ 3F3C43

Harmonies

Analogous

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



413604



2A3C0D



044020

Triad

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



2A3C0D



003E5E



5E2136

Complementary

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



2A3C0D



1F0D3C

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.



53264C



2A3C0D



003963

Square

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



2A3C0D



00414E



39305D



5D2520

Rectangle

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



2A3C0D



00412F



39305D



5C223E

Sweetspot

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



2A3C0D



484F3C



3C1E0D



24291D



A8A8A8



292929

Same Dimension

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



2A3C0D



334F05



133C0D



1D1F1C



3A5E00



89DE00

Inverse Universe

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



1F0D3C



21054F



360D3C



1D1C1F



24005E



5500DE

Previews

White Background



This preview shows how the Hex color 2A3C0D looks on a white background.

Color Contrast Check

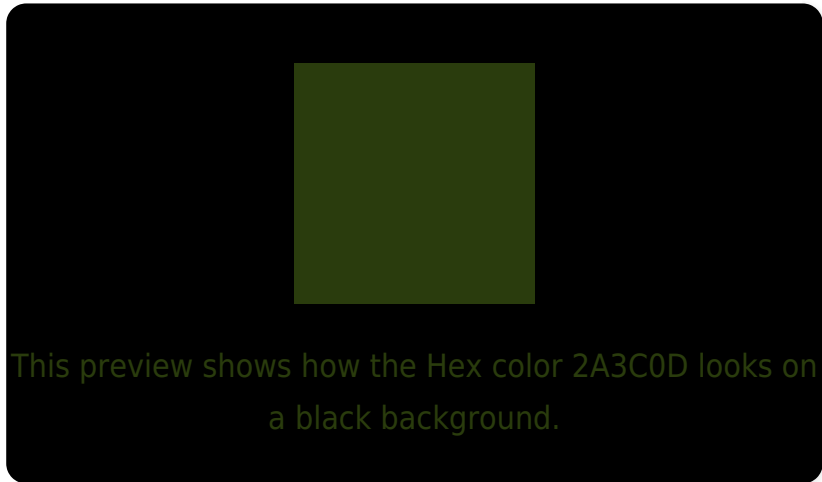
Large Text (above 18pt) WCAG AA ✓ Pass

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

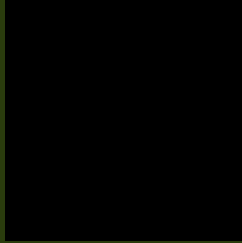
Any Text WCAG AA × Fail

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 2A3C0D Background



This preview shows how black text looks on a background with the Hex color 2A3C0D.



This preview shows how white text looks on a background with the Hex color 2A3C0D.

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](#).

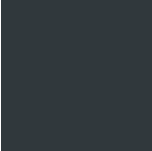
Dichromacy



Original Color
2A3C0D

Protanopia
3D370C

Deuteranopia
443411



Tritanopia
30383C

Trichromacy



Original Color
2A3C0D

Protanomaly
36390C

Deuteranomaly
3B3710

Tritanomaly
2E392B

Monochromacy



Original Color
2A3C0D

Achromatopsia
313131

Achromatomaly
2E3524

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3C0D 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 #2A3C0D looks like.

```
.text, #text, p{  
    color:#2A3C0D  
}
```

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 #2A3C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3C0D
}
```

Border

The CSS property to change the border of an element to Hex 2A3C0D 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".

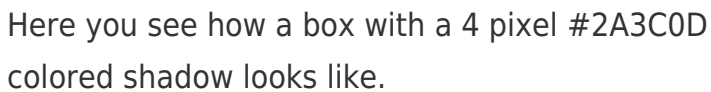
```
.border, #border, table{ border:4px solid
#2A3C0D }
```

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

```
.border{ border-color:#2A3C0D }
```

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

Here you see how a box with a 4 pixel #2A3C0D 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 #2A3C0D; -webkit-box-shadow:4px 4px  
4px 4px #2A3C0D; box-shadow:4px 4px 4px  
4px #2A3C0D }
```

Background

The CSS property to change the background color of an element to Hex 2A3C0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3C0D }
```

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

```
.background{ background-color:#2A3C0D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor