

# Converting Colors

Hex(2A3C00)

Have a look what the booklet for  
Hex(2A3C00) contains.

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**Color**

**Hex(2A3C00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A3C00
RGB	42, 60, 0
RGB Percent	16%, 24%, 0%
CMY	0.8353, 0.7647, 1.0000
CMYK	0.30, 0.00, 1.00, 0.76
HSL	78°, 100%, 12%
HSV	78°, 100%, 24%
XYZ	2.5707, 3.7240, 0.5833
YIQ	47.7780, 8.5320, -22.4760

# Conversions

## Conversions Part 2

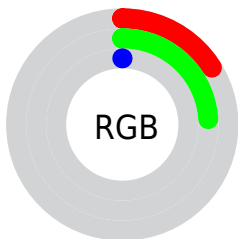
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 60, 18
Decimal	2767872
CIELab	22.74, -16.88, 30.86
CIELCh	23, 35.175, 118.684
Yxy	3.7240, 0.3738, 0.5414
Android (android.graphics.Color)	4280957952 (0xFF2A3C00)
YUV	47.7780, -23.5546, -5.0673
Hunter-Lab	19.2976, -9.9920, 11.7161

# Details

The Hex color **2A3C00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12003C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5A6B30**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **2A3C00**, and if you desaturate by 10%, it is **2C3C06**.

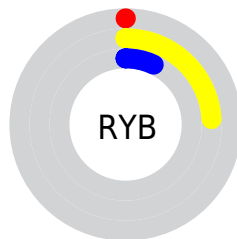
# Distribution



Red (16%)

Green (24%)

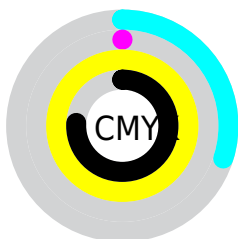
Blue (0%)



Red (0%)

Yellow (24%)

Blue (7%)

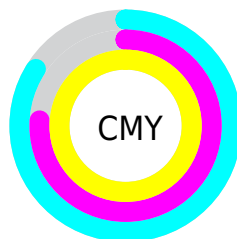


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (84%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A3C00 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 2A3C00 by changing the saturation by 10% instead.



 2A3C00

 2A3C00

 FFFFE6

 142600

 5A6B30

 001100

 738547

 000000

 8D9F60

 A8BA79

 C4D693

 E0F2AE

 FDFPCA

 2A3C00

■ 2C3C06

■ 2E3C0C

■ 2F3C12

■ 313C18

■ 333C1E

■ 353C24

■ 373C2A

■ 383C30

■ 3A3C36

# Harmonies

## Analogous

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



443500



2A3C00



004019

# Triad

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



2A3C00



004063



631B39

# Complementary

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



2A3C00



12003C

# 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.



542352



2A3C00



003A6B

# Square

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



2A3C00



00424F



333065



631F1F

# Rectangle

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



2A3C00



00422B



333065



601C41



# Sweetspot

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



2A3C00



484F37



3C1200



24291A



A8A8A8



292929



# Same Dimension

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



2A3C00



374F00



0C3C00



1E1F1C



425E00



9BDE00



# Inverse Universe

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



12003C



18004F



30003C



1C1C1F



1C005E

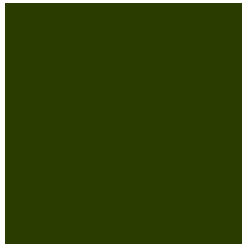


4300DE



# Previews

## White Background



This preview shows how the Hex color 2A3C00 looks on a white background.

## Color Contrast Check

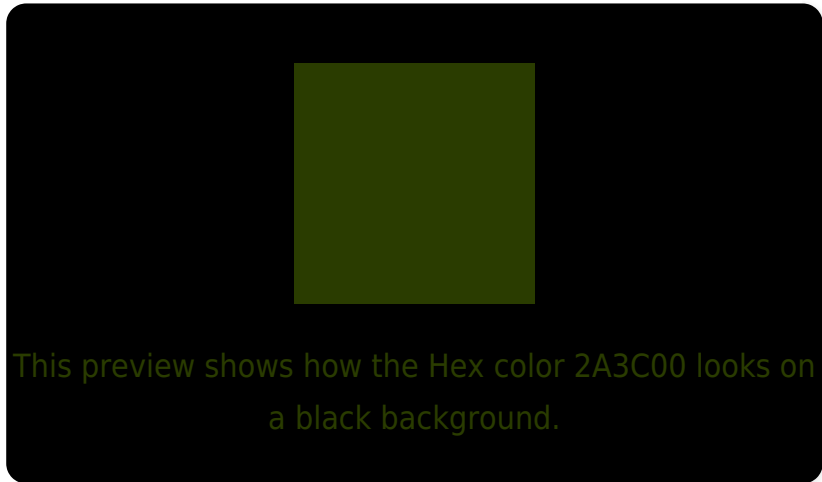
Large Text (above 18pt) WCAG AA ✓ Pass

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

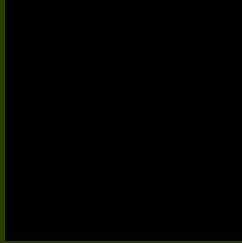
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2A3C00 Background



This preview shows how black text looks on a background with the Hex color 2A3C00.



This preview shows how white text looks on a background with the Hex color 2A3C00.

# 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](#).

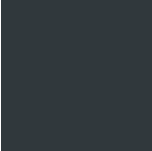
## Dichromacy



**Original Color**  
2A3C00

**Protanopia**  
3D3700

**Deuteranopia**  
45340B



**Tritanopia**  
30383C

# Trichromacy



**Original Color**  
2A3C00

**Protanomaly**  
363900

**Deuteranomaly**  
3B3707

**Tritanomaly**  
2E3926

# Monochromacy



**Original Color**  
2A3C00

**Achromatopsia**  
303030

**Achromatomaly**  
2E341F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A3C00 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 #2A3C00 looks like.

```
.text, #text, p{  
    color:#2A3C00  
}
```

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 #2A3C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3C00
}
```

## Border

The CSS property to change the border of an element to Hex 2A3C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

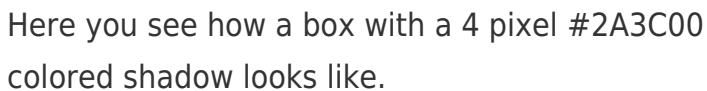
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3C00 }
```

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

```
.border{ border-color:#2A3C00 }
```

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



Here you see how a box with a 4 pixel #2A3C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3C00; -webkit-box-shadow:4px 4px  
4px 4px #2A3C00; box-shadow:4px 4px 4px  
4px #2A3C00 }
```

# Background

The CSS property to change the background color of an element to Hex 2A3C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3C00 }
```

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

```
.background{ background-color:#2A3C00 }
```

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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