

# Converting Colors

Hex(2B3C05)

Have a look what the booklet for  
Hex(2B3C05) contains.

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**Color**

**Hex(2B3C05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B3C05
RGB	43, 60, 5
RGB Percent	17%, 24%, 2%
CMY	0.8314, 0.7647, 0.9804
CMYK	0.28, 0.00, 0.92, 0.76
HSL	79°, 85%, 13%
HSV	79°, 92%, 24%
XYZ	2.6395, 3.7563, 0.7295
YIQ	48.6470, 7.5230, -20.7090

# Conversions

## Conversions Part 2

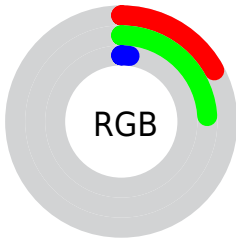
Format	Color
<a href="#">RYB</a>	<a href="#">5, 60, 22</a>
Decimal	<a href="#">2833413</a>
CIELab	<a href="#">22.85, -16.04, 28.96</a>
CIELCh	<a href="#">23, 33.104, 118.977</a>
Yxy	<a href="#">3.7563, 0.3704, 0.5272</a>
Android (android.graphics.Color)	<a href="#">4281023493</a> ( <a href="#">0xFF2B3C05</a> )
YUV	<a href="#">48.6470, -21.5180, -4.9524</a>
Hunter-Lab	<a href="#">19.3811, -9.6070, 11.3351</a>

# Details

The Hex color **2B3C05** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16053C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5B6B34**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **293C00**, and if you desaturate by 10%, it is **2D3C0B**.

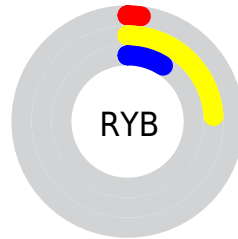
# Distribution



Red (17%)

Green (24%)

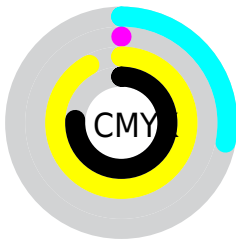
Blue (2%)



Red (2%)

Yellow (24%)

Blue (9%)

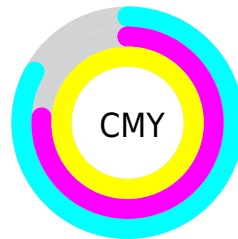


Cyan (28%)

Magenta (0%)

Yellow (92%)

Black (76%)



Cyan (83%)

Magenta (76%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B3C05 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 2B3C05 by changing the saturation by 10% instead.



 2B3C05

 2B3C05

 FFFFEA

 152600

 5B6B34

 001200

 74854B

 000000

 8E9F64

 A9BA7D

 C5D597

 E1F2B2

 FEFFCE

 2B3C05

 2B3C05

■ 293C00

■ 2D3C0B

■ 2F3C11

■ 313C17

■ 323C1D

■ 343C23

■ 363C29

■ 383C2F

■ 3A3C35

■ 3C3C3B

# Harmonies

## Analogous

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



443500



2B3C05



00401C

# Triad

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



2B3C05



003F61



611E38

# Complementary

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



2B3C05



16053C

# 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.



532550



2B3C05



003A68

# Square

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



2B3C05



00424E



343062



612120

# Rectangle

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



2B3C05



00412C



343062



5E1F41



# Sweetspot

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



2B3C05



484F39



3C1505



25291B



A8A8A8



292929



# Same Dimension

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



2B3C05



374F00



103C05



1E1F1C



415E00



99DE00



# Inverse Universe

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



16053C



18004F



31053C



1C1C1F



1D005E

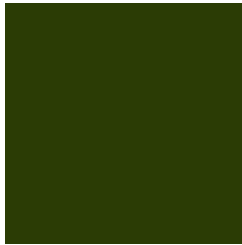


4500DE



# Previews

## White Background



This preview shows how the Hex color 2B3C05 looks on a white background.

## Color Contrast Check

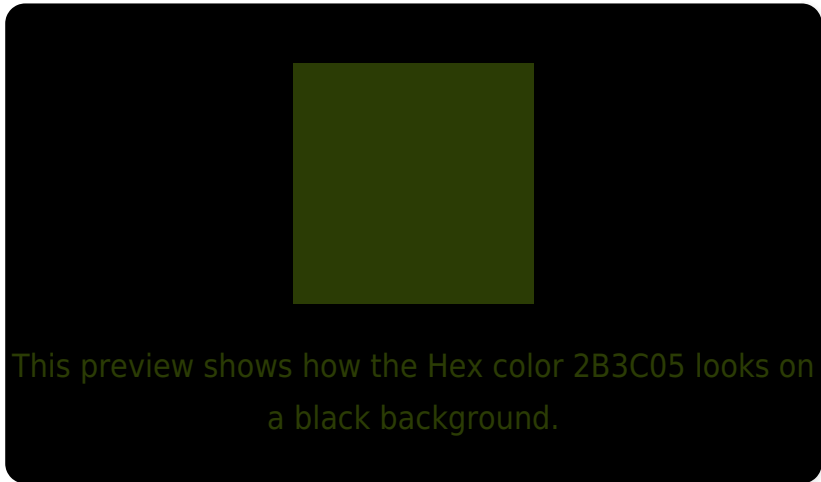
Large Text (above 18pt) WCAG AA ✓ Pass

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

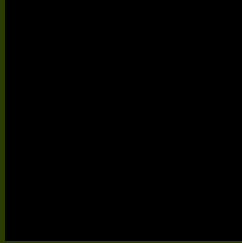
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B3C05 Background



This preview shows how black text looks on a background with the Hex color 2B3C05.



This preview shows how white text looks on a background with the Hex color 2B3C05.

# 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](#).

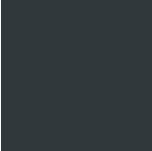
## Dichromacy



**Original Color**  
2B3C05

**Protanopia**  
3E3701

**Deuteranopia**  
45340C



**Tritanopia**  
31383C

# Trichromacy



**Original Color**  
2B3C05

**Protanomaly**  
373902

**Deuteranomaly**  
3C3709

**Tritanomaly**  
2F3928

# Monochromacy



**Original Color**  
2B3C05

**Achromatopsia**  
313131

**Achromatomaly**  
2F3521

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B3C05 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 #2B3C05 looks like.

```
.text, #text, p{  
    color:#2B3C05  
}
```

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 #2B3C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3C05
}
```

## Border

The CSS property to change the border of an element to Hex 2B3C05 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".

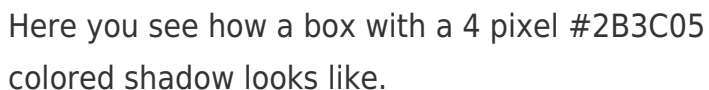
```
.border, #border, table{ border:4px solid
#2B3C05 }
```

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

```
.border{ border-color:#2B3C05 }
```

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

Here you see how a box with a 4 pixel #2B3C05 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3C05; -webkit-box-shadow:4px 4px  
4px 4px #2B3C05; box-shadow:4px 4px 4px  
4px #2B3C05 }
```

# Background

The CSS property to change the background color of an element to Hex 2B3C05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3C05 }
```

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

```
.background{ background-color:#2B3C05 }
```

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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