

Converting Colors

Hex(29400B)

Have a look what the booklet for
Hex(29400B) contains.

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Color

Hex(29400B)

Conversions

Conversions Part 1

Format	Color
Hex	29400B
RGB	41, 64, 11
RGB Percent	16%, 25%, 4%
CMY	0.8392, 0.7490, 0.9569
CMYK	0.36, 0.00, 0.83, 0.75
HSL	86°, 71%, 15%
HSV	86°, 83%, 25%
XYZ	2.8083, 4.1624, 0.9720
YIQ	51.0810, 3.3050, -21.3590

Conversions

Conversions Part 2

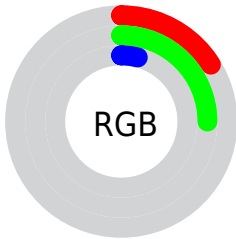
Format	Color
RYB	11, 64, 34
Decimal	2703371
CIELab	24.20, -18.71, 27.82
CIELCh	24, 33.527, 123.915
Yxy	4.1624, 0.3536, 0.5241
Android (android.graphics.Color)	4280893451 (0xFF29400B)
YUV	51.0810, -19.7599, -8.8410
Hunter-Lab	20.4019, -11.1334, 11.4565

Details

The Hex color **29400B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **220B40**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **597039**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **264005**, and if you desaturate by 10%, it is **2C4011**.

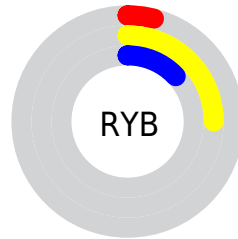
Distribution



Red (16%)

Green (25%)

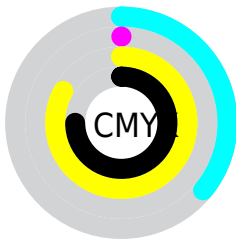
Blue (4%)



Red (4%)

Yellow (25%)

Blue (13%)

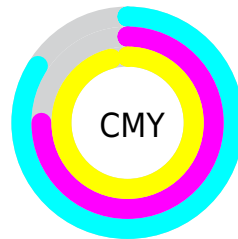


Cyan (36%)

Magenta (0%)

Yellow (83%)

Black (75%)



Cyan (84%)

Magenta (75%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29400B 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 29400B by changing the saturation by 10% instead.

 29400B

 29400B

 FFFFF0

 142A00

 597039

 001700

 728950

 000000

 8CA469

 A7BF83

 C2DB9D

 DEF7B8

 FBFFD4

 29400B

 29400B

■ 264005

■ 2C4011

■ 244000

■ 2F4018

■ 31401E

■ 344025

■ 37402B

■ 3A4031

■ 3C4038

■ 3F403E

■ 424045

Harmonies

Analogous

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



433900



29400B



004422

Triad

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



29400B



004267



662037

Complementary

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



29400B



220B40

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.



5A2650



29400B



003B6C

Square

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



29400B



004555



3E3164



64251F

Rectangle

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



29400B



004533



3E3164



642140

Sweetspot

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



29400B



4B543F



40220B



262B1E



ABABAB



2B2B2B

Same Dimension

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



29400B



305401



0F400B



20211E



376100



7FE000

Inverse Universe

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



220B40



250154



3C0B40



1F1E21



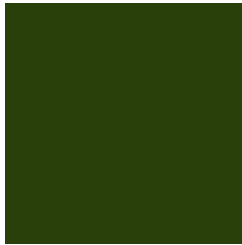
2A0061



6100E0

Previews

White Background



This preview shows how the Hex color 29400B looks on a white background.

Color Contrast Check

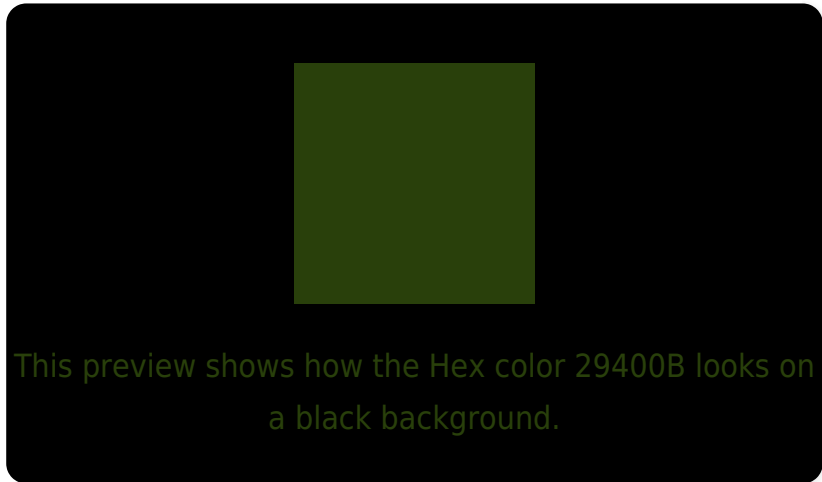
Large Text (above 18pt) WCAG AA ✓ Pass

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

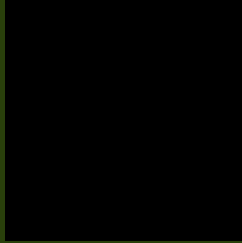
Any Text WCAG AA × Fail

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 29400B Background



This preview shows how black text looks on a background with the Hex color 29400B.



This preview shows how white text looks on a background with the Hex color 29400B.

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
29400B

Protanopia
413A09

Deuteranopia
483710



Tritanopia
303C40

Trichromacy



Original Color
29400B

Protanomaly
383C0A

Deuteranomaly
3D3A0E

Tritanomaly
2D3D2D

Monochromacy



Original Color
29400B

Achromatopsia
333333

Achromatomaly
2F3824

CSS Examples

Text

The CSS property to change the color of the text to Hex 29400B 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 #29400B looks like.

```
.text, #text, p{  
    color:#29400B  
}
```

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 #29400B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29400B
}
```

Border

The CSS property to change the border of an element to Hex 29400B is called "border". The border property can be set on classes, ids or directly on the HTML element.

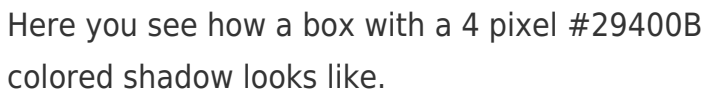
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29400B }
```

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

```
.border{ border-color:#29400B }
```

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



Here you see how a box with a 4 pixel #29400B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29400B; -webkit-box-shadow:4px 4px  
4px 4px #29400B; box-shadow:4px 4px 4px  
4px #29400B }
```

Background

The CSS property to change the background color of an element to Hex 29400B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29400B }
```

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

```
.background{ background-color:#29400B }
```

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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