

Converting Colors

Hex(2A440F)

Have a look what the booklet for
Hex(2A440F) contains.

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Color

Hex(2A440F)

Conversions

Conversions Part 1

Format	Color
Hex	2A440F
RGB	42, 68, 15
RGB Percent	16%, 27%, 6%
CMY	0.8353, 0.7333, 0.9412
CMYK	0.38, 0.00, 0.78, 0.73
HSL	89°, 64%, 16%
HSV	89°, 78%, 27%
XYZ	3.1082, 4.6610, 1.1878
YIQ	54.1840, 1.5170, -21.9950

Conversions

Conversions Part 2

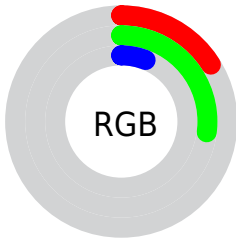
Format	Color
R_{YB}	15, 68, 41
Decimal	2769935
CIE _{Lab}	25.75, -20.05, 27.62
CIE _{LCh}	26, 34.129, 125.975
Yxy	4.6610, 0.3470, 0.5204
Android (android.graphics.Color)	4280960015 (0xFF2A440F)
YUV	54.1840, -19.3177, -10.6854
Hunter-Lab	21.5893, -12.0828, 11.8506

Details

The Hex color **2A440F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **290F44**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5A743D**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **274408**, and if you desaturate by 10%, it is **2D4416**.

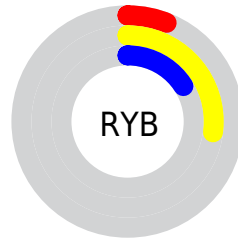
Distribution



Red (16%)

Green (27%)

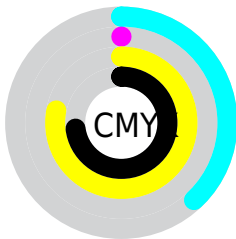
Blue (6%)



Red (6%)

Yellow (27%)

Blue (16%)

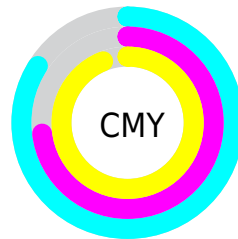


Cyan (38%)

Magenta (0%)

Yellow (78%)

Black (73%)



Cyan (84%)

Magenta (73%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A440F 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 2A440F by changing the saturation by 10% instead.



2A440F



2A440F



FFFFFF5



152D00



5A743D



001B00



738E54



000000



8DA96D



A8C487



C4E0A1



E0FCBD



FDFFD8



2A440F



2A440F

■ 274408

■ 2D4416

■ 234401

■ 31441D

■ 234400

■ 344423

■ 37442A

■ 3B4431

■ 3E4438

■ 41443F

■ 454445

■ 48444C

Harmonies

Analogous

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



453D02



2A440F



004827

Triad

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



2A440F



00456C



6B2339

Complementary

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



2A440F



290F44

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.



602853



2A440F



003E71

Square

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



2A440F



00495B



443467



682920

Rectangle

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



2A440F



004939



443467



692442

Sweetspot

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



2A440F



4F5945



44290F



282E21



ADADAD



2E2E2E

Same Dimension

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



2A440F



305905



10440F



20211E



316100



72E000

Inverse Universe

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



290F44



2F0559



430F44



1F1E21



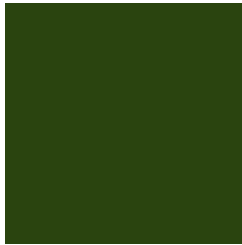
300061



6E00E0

Previews

White Background



This preview shows how the Hex color 2A440F looks on a white background.

Color Contrast Check

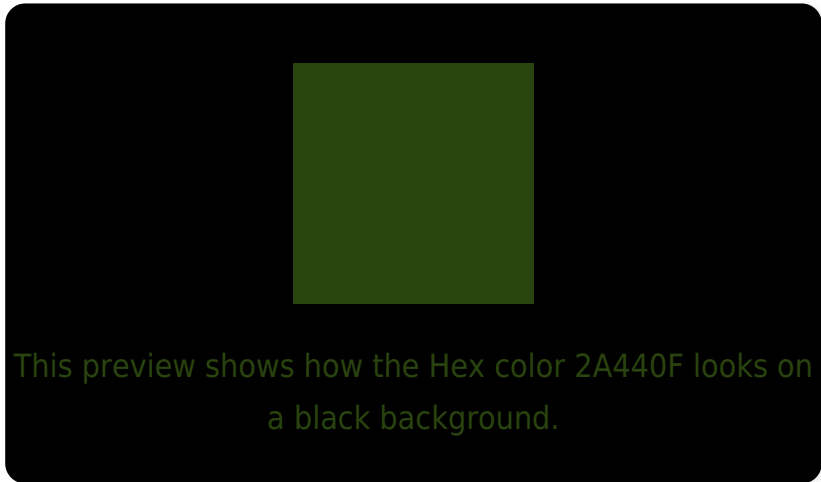
Large Text (above 18pt) WCAG AA ✓ Pass

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

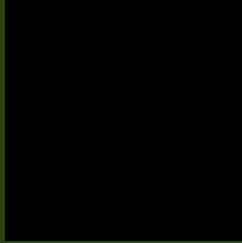
Any Text WCAG AA × Fail

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 2A440F Background



This preview shows how black text looks on a background with the Hex color 2A440F.



This preview shows how white text looks on a background with the Hex color 2A440F.

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
2A440F

Protanopia
453D0D

Deuteranopia
4C3A14



Tritanopia
313F44

Trichromacy



Original Color
2A440F

Protanomaly
3B400E

Deuteranomaly
403E12

Tritanomaly
2E4131

Monochromacy



Original Color
2A440F

Achromatopsia
363636

Achromatomaly
323B28

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A440F 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 #2A440F looks like.

```
.text, #text, p{  
    color:#2A440F  
}
```

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 #2A440F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A440F
}
```

Border

The CSS property to change the border of an element to Hex 2A440F is called "border". The border property can be set on classes, ids or directly on the HTML element.

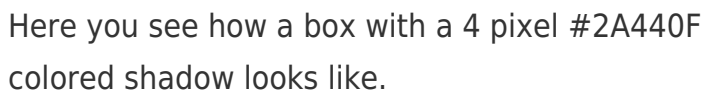
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A440F }
```

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

```
.border{ border-color:#2A440F }
```

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



Here you see how a box with a 4 pixel #2A440F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A440F; -webkit-box-shadow:4px 4px  
4px 4px #2A440F; box-shadow:4px 4px 4px  
4px #2A440F }
```

Background

The CSS property to change the background color of an element to Hex 2A440F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A440F }
```

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

```
.background{ background-color:#2A440F }
```

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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