

Converting Colors

Hex(2A4A16)

Have a look what the booklet for
Hex(2A4A16) contains.

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Color

Hex(2A4A16)

Conversions

Conversions Part 1

Format	Color
Hex	2A4A16
RGB	42, 74, 22
RGB Percent	16%, 29%, 9%
CMY	0.8353, 0.7098, 0.9137
CMYK	0.43, 0.00, 0.70, 0.71
HSL	97°, 54%, 19%
HSV	97°, 70%, 29%
XYZ	3.5484, 5.4477, 1.6236
YIQ	58.5040, -2.3800, -22.9560

Conversions

Conversions Part 2

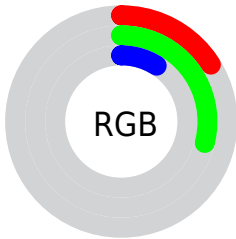
Format	Color
R_{YB}	22, 74, 54
Decimal	2771478
CIE _{Lab}	27.97, -22.43, 26.59
CIE _{LCh}	28, 34.790, 130.152
Yxy	5.4477, 0.3341, 0.5130
Android (android.graphics.Color)	4280961558 (0xFF2A4A16)
YUV	58.5040, -17.9965, -14.4740
Hunter-Lab	23.3404, -13.7082, 12.2141

Details

The Hex color **2A4A16** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **36164A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5A7B44**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **254A0F**, and if you desaturate by 10%, it is **2F4A1D**.

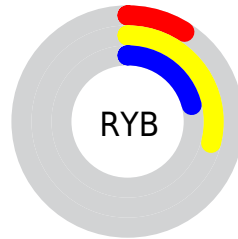
Distribution



Red (16%)

Green (29%)

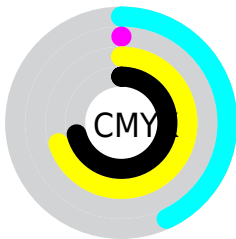
Blue (9%)



Red (9%)

Yellow (29%)

Blue (21%)

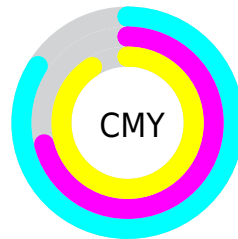


Cyan (43%)

Magenta (0%)

Yellow (70%)

Black (71%)



Cyan (84%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4A16 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 2A4A16 by changing the saturation by 10% instead.



2A4A16



2A4A16

FFFFFFD



143300



5A7B44



001F00



74955C



000000



8EB075



A9CB8F



C4E7A9



E0FFC5



FDFFE1



2A4A16



2A4A16

■ 254A0F

■ 2F4A1D

■ 214A07

■ 334A25

■ 1C4A00

■ 384A2C

■ 3C4A34

■ 414A3B

■ 454A42

■ 4A4A4A

■ 4E4A51

■ 534A59

Harmonies

Analogous

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



474406



2A4A16



004E2F

Triad

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



2A4A16



004A74



72283A

Complementary

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



2A4A16



36164A

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.



692C55



2A4A16



1A4277

Square

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



2A4A16



004E64



4F376B



6E2F21

Rectangle

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



2A4A16



004F41



4F376B



712843

Sweetspot

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



2A4A16



54614D



4A3516



293024



B0B0B0



303030

Same Dimension

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



2A4A16



2F6110



164A1B



242622



276600



58E600

Inverse Universe

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



36164A



421061



4A1645



252226



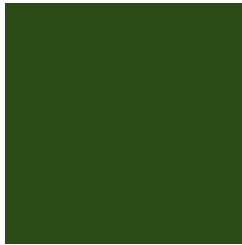
3F0066



8D00E6

Previews

White Background



This preview shows how the Hex color 2A4A16 looks on a white background.

Color Contrast Check

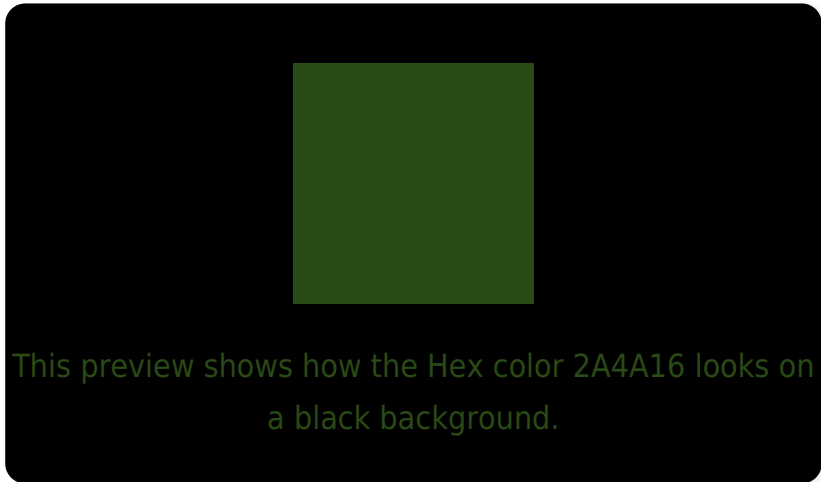
Large Text (above 18pt) WCAG AA ✓ Pass

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

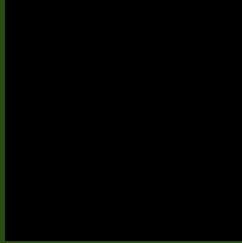
Any Text WCAG AA × Fail

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 2A4A16 Background



This preview shows how black text looks on a background with the Hex color 2A4A16.



This preview shows how white text looks on a background with the Hex color 2A4A16.

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
2A4A16

Protanopia
4A214

Deuteranopia
523F1A



Tritanopia
32454B

Trichromacy



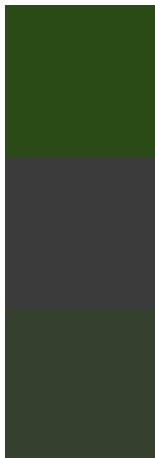
Original Color
2A4A16

Protanomaly
3E4515

Deuteranomaly
434319

Tritanomaly
2F4738

Monochromacy



Original Color
2A4A16

Achromatopsia
3B3B3B

Achromatomaly
35402E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4A16 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 #2A4A16 looks like.

```
.text, #text, p{  
    color:#2A4A16  
}
```

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 #2A4A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4A16
}
```

Border

The CSS property to change the border of an element to Hex 2A4A16 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".

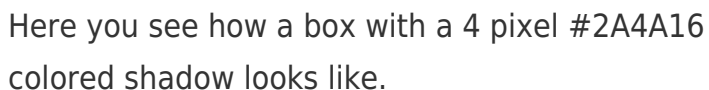
```
.border, #border, table{ border:4px solid
#2A4A16 }
```

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

```
.border{ border-color:#2A4A16 }
```

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

Here you see how a box with a 4 pixel #2A4A16 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4A16; -webkit-box-shadow:4px 4px  
4px 4px #2A4A16; box-shadow:4px 4px 4px  
4px #2A4A16 }
```

Background

The CSS property to change the background color of an element to Hex 2A4A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4A16 }
```

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

```
.background{ background-color:#2A4A16 }
```

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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