

Converting Colors

Hex(2A4A0A)

Have a look what the booklet for
Hex(2A4A0A) contains.

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Color

Hex(2A4A0A)

Conversions

Conversions Part 1

Format	Color
Hex	2A4A0A
RGB	42, 74, 10
RGB Percent	16%, 29%, 4%
CMY	0.8353, 0.7098, 0.9608
CMYK	0.43, 0.00, 0.86, 0.71
HSL	90°, 76%, 16%
HSV	90°, 86%, 29%
XYZ	3.4584, 5.4117, 1.1494
YIQ	57.1360, 1.4720, -26.6880

Conversions

Conversions Part 2

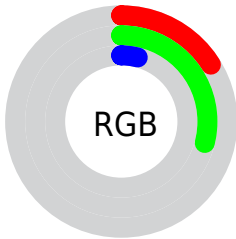
Format	Color
RYB	10, 74, 42
Decimal	2771466
CIELab	27.88, -23.44, 31.78
CIElCh	28, 39.486, 126.415
Yxy	5.4117, 0.3452, 0.5401
Android (android.graphics.Color)	4280961546 (0xFF2A4A0A)
YUV	57.1360, -23.2380, -13.2743
Hunter-Lab	23.2631, -14.1737, 13.3546

Details

The Hex color **2A4A0A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2A0A4A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5B7B3A**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **264A03**, and if you desaturate by 10%, it is **2E4A11**.

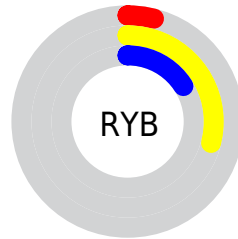
Distribution



Red (16%)

Green (29%)

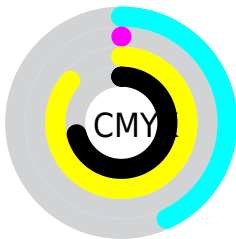
Blue (4%)



Red (4%)

Yellow (29%)

Blue (16%)

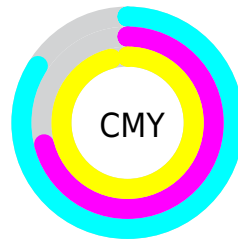


Cyan (43%)

Magenta (0%)

Yellow (86%)

Black (71%)



Cyan (84%)

Magenta (71%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4A0A 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 2A4A0A by changing the saturation by 10% instead.

 2A4A0A

 2A4A0A

 FFFFF3

 143300

 5B7B3A

 001F00

 749552

 000000

 8FB06B

 AACB84

 C5E79F

 E2FFBA

 FFFFD6

 2A4A0A

 2A4A0A

■ 264A03

■ 2E4A11

■ 254A00

■ 314A19

■ 354A20

■ 394A28

■ 3D4A2F

■ 404A36

■ 444A3E

■ 484A45

■ 4B4A4D

Harmonies

Analogous

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



4A4300



2A4A0A



004E28

Triad

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



2A4A0A



004B79



77223D

Complementary

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



2A4A0A



2A0A4A

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.



6B285B



2A4A0A



00437E

Square

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



2A4A0A



004F65



4A3773



732A1F

Rectangle

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



2A4A0A



004F3D



4A3773



752247

Sweetspot

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



2A4A0A



546148



4A2A0A



293021



B0B0B0



303030

Same Dimension

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



2A4A0A



306100



0A4A0A



242622



336600



73E600

Inverse Universe

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



2A0A4A



300061



4A0A4A



242226



330066



7300E6

Previews

White Background



This preview shows how the Hex color 2A4A0A looks on a white background.

Color Contrast Check

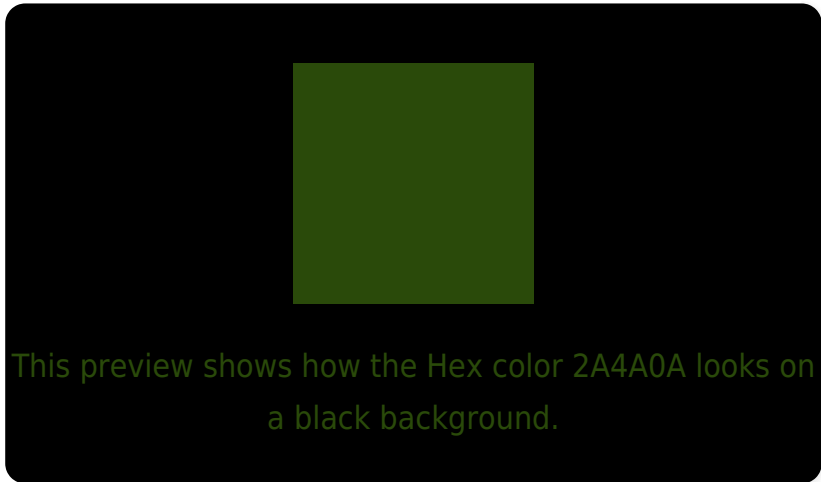
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A4A0A Background



This preview shows how black text looks on a background with the Hex color 2A4A0A.



This preview shows how white text looks on a background with the Hex color 2A4A0A.

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](#).

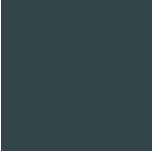
Dichromacy



Original Color
2A4A0A

Protanopia
4A207

Deuteranopia
533E11



Tritanopia
33454A

Trichromacy



Original Color
2A4A0A

Protanomaly
3E4508

Deuteranomaly
44420E

Tritanomaly
304733

Monochromacy



Original Color
2A4A0A

Achromatopsia
393939

Achromatomaly
343F28

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4A0A 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 #2A4A0A looks like.

```
.text, #text, p{  
    color:#2A4A0A  
}
```

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 #2A4A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4A0A
}
```

Border

The CSS property to change the border of an element to Hex 2A4A0A 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".

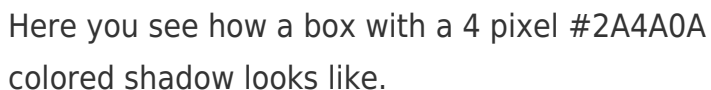
```
.border, #border, table{ border:4px solid
#2A4A0A }
```

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

```
.border{ border-color:#2A4A0A }
```

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

Here you see how a box with a 4 pixel #2A4A0A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4A0A; -webkit-box-shadow:4px 4px  
4px 4px #2A4A0A; box-shadow:4px 4px 4px  
4px #2A4A0A }
```

Background

The CSS property to change the background color of an element to Hex 2A4A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4A0A }
```

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

```
.background{ background-color:#2A4A0A }
```

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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