

Converting Colors

Hex(2A4921)

Have a look what the booklet for
Hex(2A4921) contains.

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Color

Hex(2A4921)

Conversions

Conversions Part 1

Format	Color
Hex	2A4921
RGB	42, 73, 33
RGB Percent	16%, 29%, 13%
CMY	0.8353, 0.7137, 0.8706
CMYK	0.42, 0.00, 0.55, 0.71
HSL	107°, 38%, 21%
HSV	107°, 55%, 29%
XYZ	3.6119, 5.3671, 2.2844
YIQ	59.1710, -5.6360, -19.0120

Conversions

Conversions Part 2

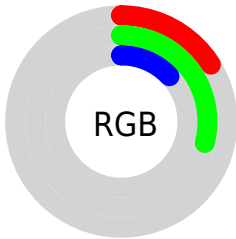
Format	Color
R_{YB}	33, 73, 64
Decimal	2771233
CIE _{Lab}	27.76, -20.50, 20.28
CIE _{LCh}	28, 28.839, 135.314
Yxy	5.3671, 0.3207, 0.4765
Android (android.graphics.Color)	4280961313 (0xFF2A4921)
YUV	59.1710, -12.9023, -15.0590
Hunter-Lab	23.1671, -12.7130, 10.3705

Details

The Hex color **2A4921** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **402149**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5A7A4E**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **24491A**, and if you desaturate by 10%, it is **304928**.

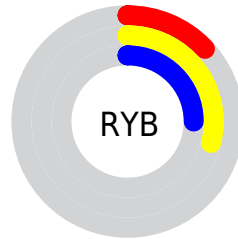
Distribution



Red (16%)

Green (29%)

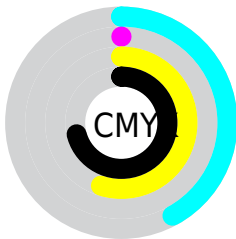
Blue (13%)



Red (13%)

Yellow (29%)

Blue (25%)

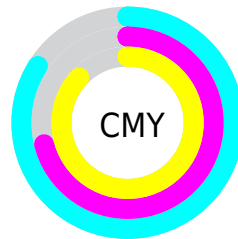


Cyan (42%)

Magenta (0%)

Yellow (55%)

Black (71%)



Cyan (84%)

Magenta (71%)

Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A4921 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 2A4921 by changing the saturation by 10% instead.

 2A4921

 2A4921

FFFFFF

 13320B

 5A7A4E

 001E00

 739467

 000000

 8DAF80

 A7CA9A

 C3E6B5

 DFFFD0

 FCFED

 2A4921

 2A4921

■ 24491A

■ 304928

■ 1F4912

■ 354930

■ 19490B

■ 3B4937

■ 134904

■ 41493E

■ 104900

■ 464946

■ 4C494D

■ 524954

■ 57495B

■ 5D4963

Harmonies

Analogous

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



434414



2A4921



004C36

Triad

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



2A4921



00476C



6B2E37

Complementary

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



2A4921



402149

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.



65304D



2A4921



2F406C

Square

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



2A4921



004B60



513761



653423

Rectangle

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



2A4921



004D45



513761



6A2E3E

Sweetspot

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



2A4921



535E4F



494021



293027



B0B0B0



303030

Same Dimension

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



2A4921



2E5E20



21492C



212420



166300



33E300

Inverse Universe

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



402149



50205E



49213E



232024



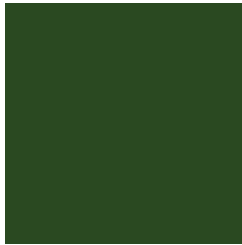
4D0063



B000E3

Previews

White Background



This preview shows how the Hex color 2A4921 looks on a white background.

Color Contrast Check

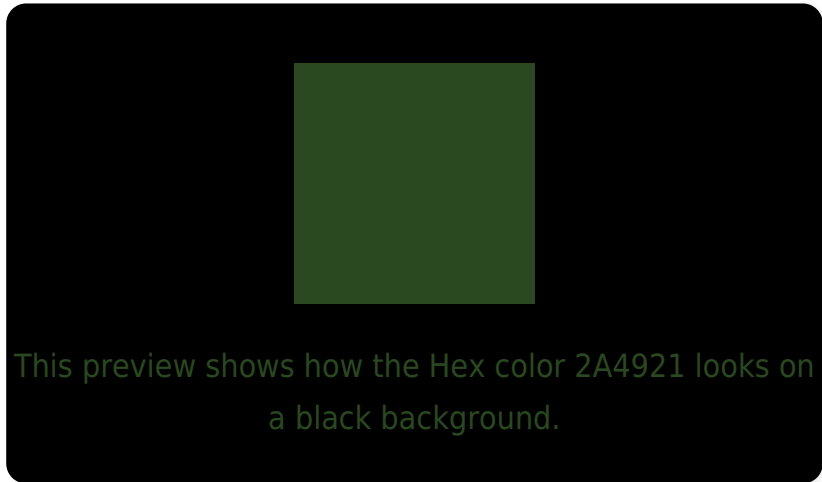
Large Text (above 18pt) WCAG AA ✓ Pass

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

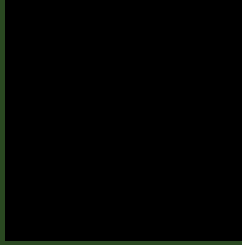
Any Text WCAG AA × Fail

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 2A4921 Background



This preview shows how black text looks on a background with the Hex color 2A4921.



This preview shows how white text looks on a background with the Hex color 2A4921.

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](#).

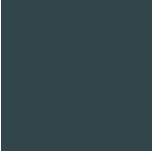
Dichromacy



Original Color
2A4921

Protanopia
48411F

Deuteranopia
503E24



Tritanopia
31454A

Trichromacy



Original Color
2A4921

Protanomaly
3D4420

Deuteranomaly
424223

Tritanomaly
2E463B

Monochromacy



Original Color
2A4921

Achromatopsia
3B3B3B

Achromatomaly
354032

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4921 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 #2A4921 looks like.

```
.text, #text, p{  
    color:#2A4921  
}
```

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 #2A4921 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4921
}
```

Border

The CSS property to change the border of an element to Hex 2A4921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

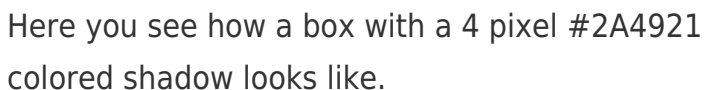
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A4921 }
```

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

```
.border{ border-color:#2A4921 }
```

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



Here you see how a box with a 4 pixel #2A4921 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4921; -webkit-box-shadow:4px 4px  
4px 4px #2A4921; box-shadow:4px 4px 4px  
4px #2A4921 }
```

Background

The CSS property to change the background color of an element to Hex 2A4921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4921 }
```

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

```
.background{ background-color:#2A4921 }
```

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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