

Converting Colors

Hex(2B4420)

Have a look what the booklet for
Hex(2B4420) contains.

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Color

Hex(2B4420)

Conversions

Conversions Part 1

Format	Color
Hex	2B4420
RGB	43, 68, 32
RGB Percent	17%, 27%, 13%
CMY	0.8314, 0.7333, 0.8745
CMYK	0.37, 0.00, 0.53, 0.73
HSL	102°, 36%, 20%
HSV	102°, 53%, 27%
XYZ	3.3241, 4.7521, 2.1086
YIQ	56.4210, -3.3440, -16.4960

Conversions

Conversions Part 2

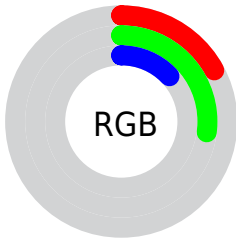
Format	Color
R_{YB}	32, 68, 57
Decimal	2835488
CIE _{Lab}	26.02, -17.59, 18.73
CIE _{LCh}	26, 25.701, 133.202
Yxy	4.7521, 0.3264, 0.4666
Android (android.graphics.Color)	4281025568 (0xFF2B4420)
YUV	56.4210, -12.0396, -11.7702
Hunter-Lab	21.7994, -10.9301, 9.5247

Details

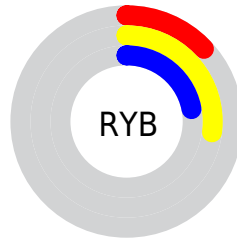
The Hex color **2B4420** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **392044**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5A744D**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **264419**, and if you desaturate by 10%, it is **304427**.

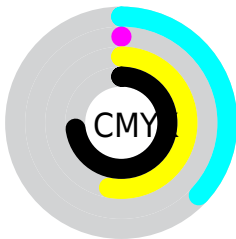
Distribution



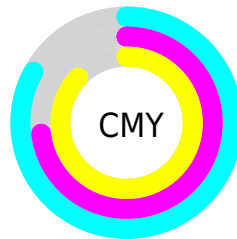
- Red (17%)
- Green (27%)
- Blue (13%)



- Red (13%)
- Yellow (27%)
- Blue (22%)



- Cyan (37%)
- Magenta (0%)
- Yellow (53%)
- Black (73%)



- Cyan (83%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4420 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 2B4420 by changing the saturation by 10% instead.

■ 2B4420

■ 2B4420

FFFFFF

■ 152E0A

■ 5A744D

■ 001A00

■ 738E65

■ 000000

■ 8DA87E

■ A7C498

■ C3E0B3

■ DFFCCF

■ FCFEB

■ 2B4420

■ 2B4420

■ 264419

■ 304427

■ 224412

■ 34442E

■ 1D440C

■ 394434

■ 184405

■ 3E443B

■ 154400

■ 434442

■ 474449

■ 4C4450

■ 514456

■ 56445D

Harmonies

Analogous

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



413F16



2B4420



094732

Triad

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



2B4420



004363



622D36

Complementary

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



2B4420



392044

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.



5C2F49



2B4420



2C3D64

Square

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



2B4420



004658



4A355A



5E3124

Rectangle

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



2B4420



00473F



4A355A



612D3C

Sweetspot

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



2B4420



4F594B



443920



282E25



ADADAD



2E2E2E

Same Dimension

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



2B4420



325920



204427



1F211E



1E6100



45E000

Inverse Universe

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



392044



482059



44203D



201E21



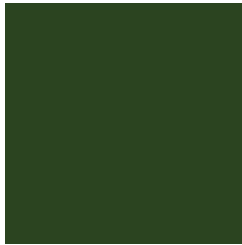
430061



9C00E0

Previews

White Background



This preview shows how the Hex color 2B4420 looks on a white background.

Color Contrast Check

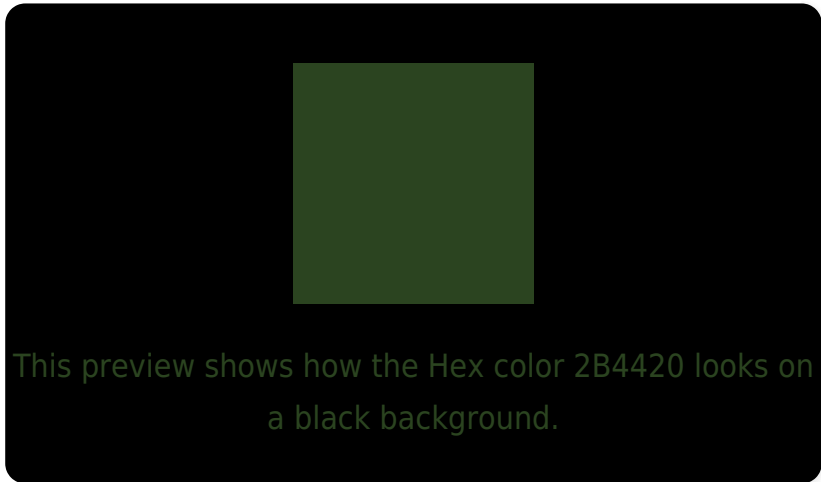
Large Text (above 18pt) WCAG AA ✓ Pass

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

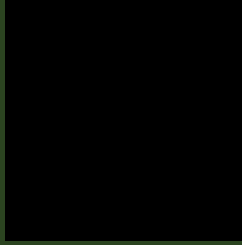
Any Text WCAG AA × Fail

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 2B4420 Background



This preview shows how black text looks on a background with the Hex color 2B4420.



This preview shows how white text looks on a background with the Hex color 2B4420.

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
2B4420

Protanopia
443E1E

Deuteranopia
4B3B22



Tritanopia
314045

Trichromacy



Original Color
2B4420

Protanomaly
3B401F

Deuteranomaly
3F3E21

Tritanomaly
2F4138

Monochromacy



Original Color
2B4420

Achromatopsia
383838

Achromatomaly
333C2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4420 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 #2B4420 looks like.

```
.text, #text, p{  
    color:#2B4420  
}
```

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 #2B4420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4420
}
```

Border

The CSS property to change the border of an element to Hex 2B4420 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
#2B4420 }
```

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

```
.border{ border-color:#2B4420 }
```

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

Here you see how a box with a 4 pixel #2B4420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4420; -webkit-box-shadow:4px 4px  
4px 4px #2B4420; box-shadow:4px 4px 4px  
4px #2B4420 }
```

Background

The CSS property to change the background color of an element to Hex 2B4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4420 }
```

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

```
.background{ background-color:#2B4420 }
```

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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