

Converting Colors

Hex(2B4620)

Have a look what the booklet for
Hex(2B4620) contains.

Hex(2B4620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B4620)

Conversions

Conversions Part 1

Format	Color
Hex	2B4620
RGB	43, 70, 32
RGB Percent	17%, 27%, 13%
CMY	0.8314, 0.7255, 0.8745
CMYK	0.39, 0.00, 0.54, 0.73
HSL	103°, 37%, 20%
HSV	103°, 54%, 27%
XYZ	3.4471, 4.9982, 2.1496
YIQ	57.5950, -3.8940, -17.5420

Conversions

Conversions Part 2

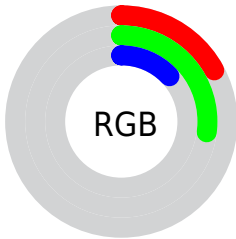
Format	Color
RYB	32, 70, 59
Decimal	2836000
CIELab	26.73, -18.67, 19.62
CIElCh	27, 27.085, 133.589
Yxy	4.9982, 0.3254, 0.4718
Android (android.graphics.Color)	4281026080 (0xFF2B4620)
YUV	57.5950, -12.6183, -12.7998
Hunter-Lab	22.3566, -11.6015, 9.9490

Details

The Hex color **2B4620** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B2046**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5A774D**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **264619**, and if you desaturate by 10%, it is **304627**.

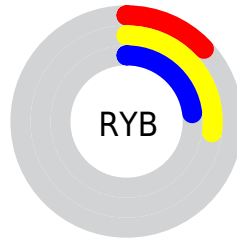
Distribution



Red (17%)

Green (27%)

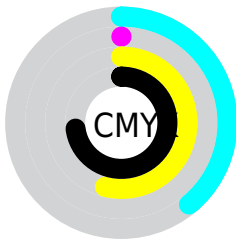
Blue (13%)



Red (13%)

Yellow (27%)

Blue (23%)

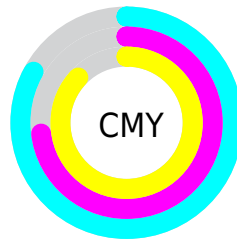


Cyan (39%)

Magenta (0%)

Yellow (54%)

Black (73%)



Cyan (83%)

Magenta (73%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4620 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 2B4620 by changing the saturation by 10% instead.

 2B4620

 2B4620

FFFFFF

 152F0A

 5A774D

 001C00

 739065

 000000

 8DAB7E

 A8C698

 C3E2B3

 DFFFCE

 FCFEB

 2B4620

 2B4620

■ 264619

■ 304627

■ 214612

■ 35462E

■ 1C460B

■ 3A4635

■ 174604

■ 3F463C

■ 144600

■ 444643

■ 49464A

■ 4E4651

■ 534658

■ 58465F

Harmonies

Analogous

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



424115



2B4620



044933

Triad

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



2B4620



004567



662D37

Complementary

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



2B4620



3B2046

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.



5F2F4B



2B4620



2D3E67

Square

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



2B4620



00485B



4D365D



613224

Rectangle

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



2B4620



004A41



4D365D



652D3E

Sweetspot

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



2B4620



515C4D



463B20



282E25



ADADAD



2E2E2E

Same Dimension

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



2B4620



315C20



204628



212420



1D6300



42E300

Inverse Universe

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



3B2046



4B205C



46203E



232024



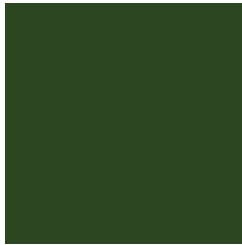
470063



A100E3

Previews

White Background



This preview shows how the Hex color 2B4620 looks on a white background.

Color Contrast Check

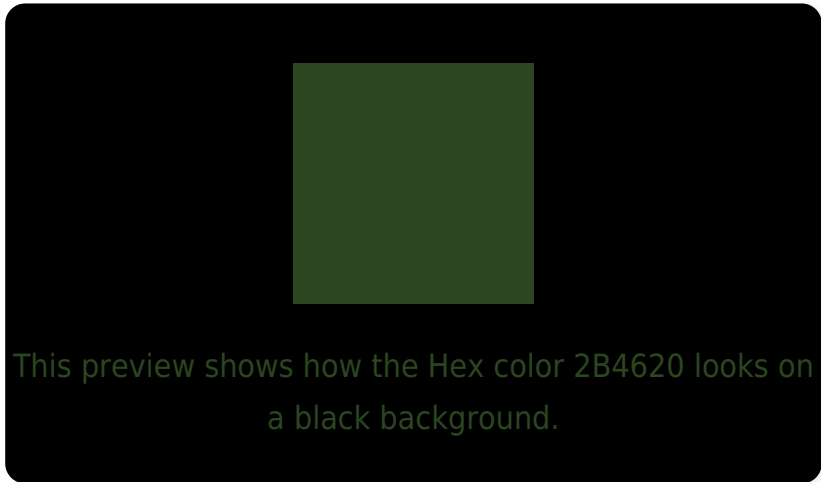
Large Text (above 18pt) WCAG AA ✓ Pass

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

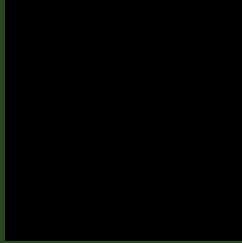
Any Text WCAG AA × Fail

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 2B4620 Background



This preview shows how black text looks on a background with the Hex color 2B4620.



This preview shows how white text looks on a background with the Hex color 2B4620.

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
2B4620

Protanopia
463F1E

Deuteranopia
4D3C23



Tritanopia
324247

Trichromacy



Original Color
2B4620

Protanomaly
3C421F

Deuteranomaly
414022

Tritanomaly
2F4339

Monochromacy



Original Color
2B4620

Achromatopsia
3A3A3A

Achromatomaly
353E31

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4620 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 #2B4620 looks like.

```
.text, #text, p{  
    color:#2B4620  
}
```

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 #2B4620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4620
}
```

Border

The CSS property to change the border of an element to Hex 2B4620 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
#2B4620 }
```

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

```
.border{ border-color:#2B4620 }
```

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

Here you see how a box with a 4 pixel #2B4620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4620; -webkit-box-shadow:4px 4px  
4px 4px #2B4620; box-shadow:4px 4px 4px  
4px #2B4620 }
```

Background

The CSS property to change the background color of an element to Hex 2B4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4620 }
```

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

```
.background{ background-color:#2B4620 }
```

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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