

# Converting Colors

Hex(2B4603)

Have a look what the booklet for  
Hex(2B4603) contains.

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**Color**

**Hex(2B4603)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B4603
RGB	43, 70, 3
RGB Percent	17%, 27%, 1%
CMY	0.8314, 0.7255, 0.9882
CMYK	0.39, 0.00, 0.96, 0.73
HSL	84°, 92%, 14%
HSV	84°, 96%, 27%
XYZ	3.2029, 4.9005, 0.8632
YIQ	54.2890, 5.4150, -26.5610

# Conversions

## Conversions Part 2

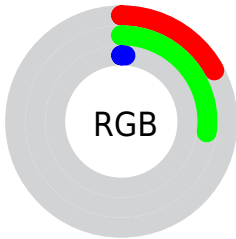
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	3, 70, 30
Decimal	2835971
CIE Lab	26.45, -21.47, 33.26
CIE LCh	26, 39.585, 122.850
Yxy	4.9005, 0.3572, 0.5465
Android (android.graphics.Color)	4281026051 (0xFF2B4603)
YUV	54.2890, -25.2855, -9.9005
Hunter-Lab	22.1370, -12.9139, 13.1839

# Details

The Hex color **2B4603** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1E0346**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5C7734**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **2A4600**, and if you desaturate by 10%, it is **2E460A**.

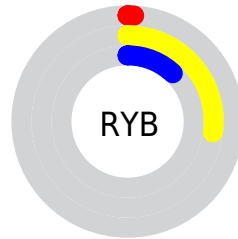
# Distribution



Red (17%)

Green (27%)

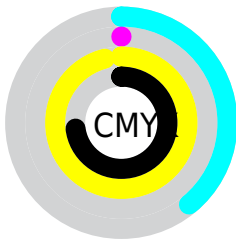
Blue (1%)



Red (1%)

Yellow (27%)

Blue (12%)

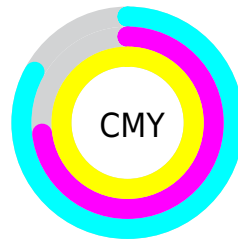


Cyan (39%)

Magenta (0%)

Yellow (96%)

Black (73%)



Cyan (83%)

Magenta (73%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B4603 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 2B4603 by changing the saturation by 10% instead.



 2B4603

 2B4603

 FFFFEC

 152F00

 5C7734

 001C00

 75904C

 000000

 90AB64

 ABC67E

 C7E298

 E3FFB3

 FFFFCF

 2B4603

 2B4603

■ 2A4600

■ 2E460A

■ 314611

■ 334618

■ 36461F

■ 394626

■ 3C462D

■ 3F4634

■ 42463B

■ 444642

# Harmonies

## Analogous

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



4A3E00



2B4603



004A21

# Triad

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



2B4603



004974



731E3D

# Complementary

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



2B4603



1E0346

# 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.



65265B



2B4603



00417B

# Square

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



2B4603



004C5F



413572



712520

# Rectangle

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



2B4603



004C36



413572



701F47



# Sweetspot

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



2B4603



515C41



461E03



272E1E



ADADAD



2E2E2E



# Same Dimension

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



2B4603



375C00



0A4603



222420



3B6300



87E300



# Inverse Universe

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



1E0346



25005C



3F0346



222024



280063



5B00E3



# Previews

## White Background



This preview shows how the Hex color 2B4603 looks on a white background.

## Color Contrast Check

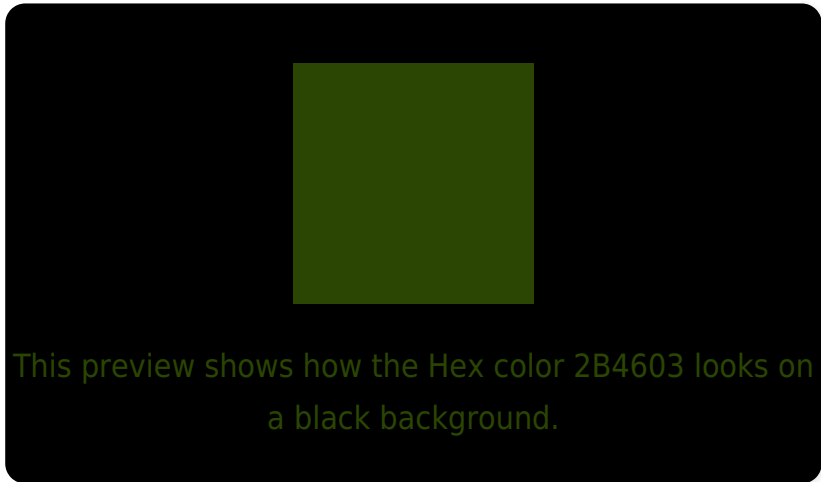
Large Text (above 18pt) WCAG AA ✓ Pass

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

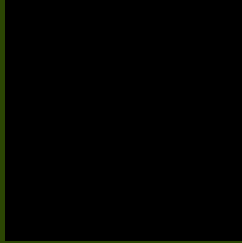
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B4603 Background



This preview shows how black text looks on a background with the Hex color 2B4603.



This preview shows how white text looks on a background with the Hex color 2B4603.

# 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](#).

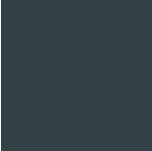
## Dichromacy



**Original Color**  
2B4603

**Protanopia**  
473F00

**Deuteranopia**  
4F3B0E



**Tritanopia**  
334146

# Trichromacy



**Original Color**  
2B4603

**Protanomaly**  
3D4201

**Deuteranomaly**  
423F0A

**Tritanomaly**  
30432E

# Monochromacy



**Original Color**  
2B4603

**Achromatopsia**  
363636

**Achromatomaly**  
323C23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B4603 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 #2B4603 looks like.

```
.text, #text, p{  
    color:#2B4603  
}
```

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 #2B4603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4603  
}
```

## Border

The CSS property to change the border of an element to Hex 2B4603 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".

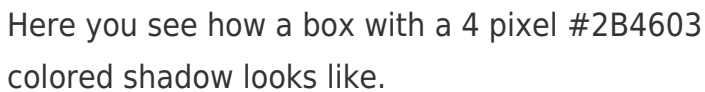
```
.border, #border, table{ border:4px solid  
#2B4603 }
```

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

```
.border{ border-color:#2B4603 }
```

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

Here you see how a box with a 4 pixel #2B4603 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 #2B4603; -webkit-box-shadow:4px 4px  
4px 4px #2B4603; box-shadow:4px 4px 4px  
4px #2B4603 }
```

# Background

The CSS property to change the background color of an element to Hex 2B4603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4603 }
```

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

```
.background{ background-color:#2B4603 }
```

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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