

# Converting Colors

Hex(2B6B00)

Have a look what the booklet for  
Hex(2B6B00) contains.

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**Color**

**Hex(2B6B00)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 2B6B00                     |
| RGB         | 43, 107, 0                 |
| RGB Percent | 17%, 42%, 0%               |
| CMY         | 0.8314, 0.5804, 1.0000     |
| CMYK        | 0.60, 0.00, 1.00, 0.58     |
| HSL         | 96°, 100%, 21%             |
| HSV         | 96°, 100%, 42%             |
| XYZ         | 6.2540, 11.0290, 1.7992    |
| YIQ         | 75.6660, -3.7970, -46.8450 |

# Conversions

## Conversions Part 2

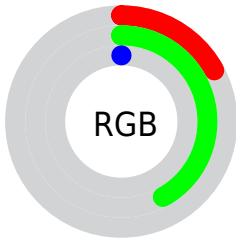
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 107, 64                     |
| Decimal                             | 2845440                        |
| CIELab                              | 39.63, -37.92, 44.97           |
| CIELCh                              | 40, 58.828, 130.141            |
| Yxy                                 | 11.0290, 0.3277,<br>0.5780     |
| Android<br>(android.graphics.Color) | 4281035520<br>(0xFF2B6B00)     |
| YUV                                 | 75.6660, -37.3033,<br>-28.6481 |
| Hunter-Lab                          | 33.2099, -24.5029,<br>20.0348  |

# Details

The Hex color **2B6B00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **40006B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **619F3B**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **2B6B00**, and if you desaturate by 10%, it is **316B0B**.

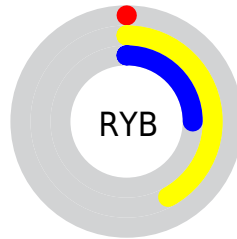
# Distribution



Red (17%)

Green (42%)

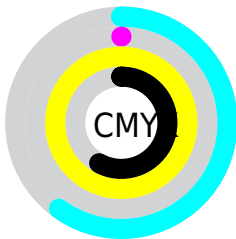
Blue (0%)



Red (0%)

Yellow (42%)

Blue (25%)

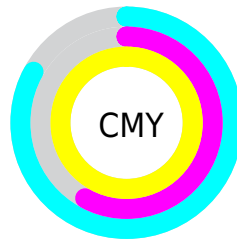


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (83%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B6B00 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 2B6B00 by changing the saturation by 10% instead.



 2B6B00

 2B6B00

 FFFFF8

 0A5200

 619F3B

 003A00

 7CBA54

 002600

 98D66E

 000000

 B4F388

 D0FFA3

 EEFFBF

 FFFFDC

 2B6B00


 316B0B

 386B15

 3E6B20

 456B2B

 4B6B36

 516B40

 586B4B

 5E6B56

 656B60

# Harmonies

## Analogous

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



636000



2B6B00



00703B

# Triad

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



2B6B00



006BB8



B1224F

# Complementary

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



2B6B00



40006B

# 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.



A12D7F



2B6B00



005EBD

# Square

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



2B6B00



00719B



7248A7



A73721

# Rectangle

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



2B6B00



00725C



7248A7



AF225F



# Sweetspot

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



2B6B00



738C62



6B3E00



38472E



C7C7C7



474747



# Same Dimension

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



2B6B00



388C00



006B09



323630



2F7500



62F500



# Inverse Universe

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



40006B



54008C



6B0062



333036



460075



9200F5



# Previews

## White Background



This preview shows how the Hex color 2B6B00 looks on a white background.

## Color Contrast Check

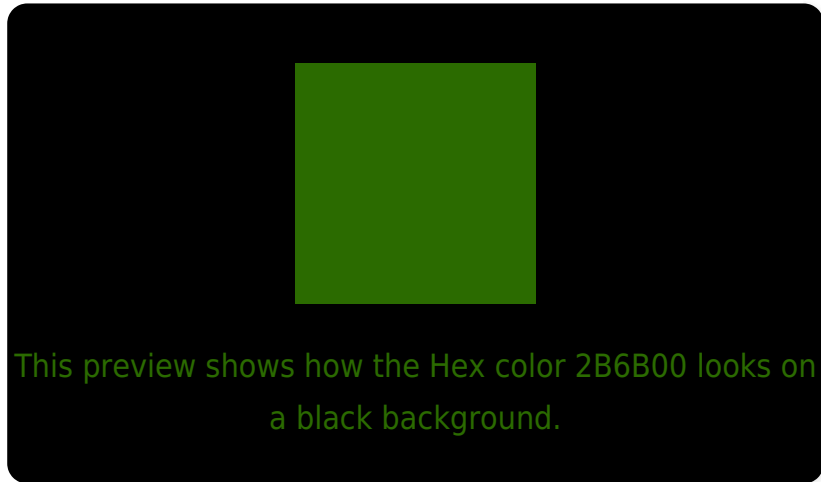
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 2B6B00 Background



This preview shows how black text looks on a background with the Hex color 2B6B00.



This preview shows how white text looks on a background with the Hex color 2B6B00.

# 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**  
2B6B00

**Protanopia**  
695D00

**Deuteranopia**  
755816



**Tritanopia**  
3C636B

# Trichromacy



**Original Color**  
2B6B00

**Protanomaly**  
526200

**Deuteranomaly**  
5A5F0E

**Tritanomaly**  
366644

# Monochromacy



**Original Color**  
2B6B00

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
405730

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B6B00 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 #2B6B00 looks like.

```
.text, #text, p{  
    color:#2B6B00  
}
```

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 #2B6B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6B00
}
```

## Border

The CSS property to change the border of an element to Hex 2B6B00 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".

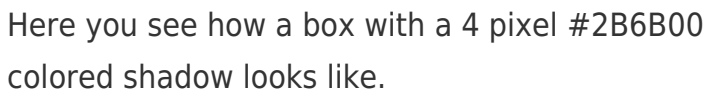
```
.border, #border, table{ border:4px solid
#2B6B00 }
```

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

```
.border{ border-color:#2B6B00 }
```

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

Here you see how a box with a 4 pixel #2B6B00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6B00; -webkit-box-shadow:4px 4px  
4px 4px #2B6B00; box-shadow:4px 4px 4px  
4px #2B6B00 }
```

# Background

The CSS property to change the background color of an element to Hex 2B6B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6B00 }
```

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

```
.background{ background-color:#2B6B00 }
```

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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