

# Converting Colors

Hex(2B6630)

Have a look what the booklet for  
Hex(2B6630) contains.

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**Color**

**Hex(2B6630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B6630
RGB	43, 102, 48
RGB Percent	17%, 40%, 19%
CMY	0.8314, 0.6000, 0.8118
CMYK	0.58, 0.00, 0.53, 0.60
HSL	125°, 41%, 28%
HSV	125°, 58%, 40%
XYZ	6.2811, 10.2297, 4.4398
YIQ	78.2030, -17.8300, -29.3020

# Conversions

## Conversions Part 2

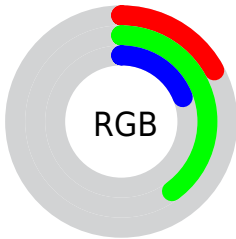
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 97, 102
Decimal	2844208
CIELab	38.25, -31.70, 24.70
CIELCh	38, 40.182, 142.072
Yxy	10.2297, 0.2998, 0.4883
Android (android.graphics.Color)	4281034288 (0xFF2B6630)
YUV	78.2030, -14.8901, -30.8730
Hunter-Lab	31.9840, -20.9174, 14.1585

# Details

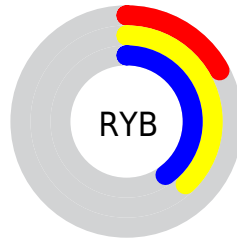
The Hex color **2B6630** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **662B61**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5E9A5F**, and **003601** is the 20% darker color. If you saturate the color by 10%, you get **216627**, and if you desaturate by 10%, it is **356639**.

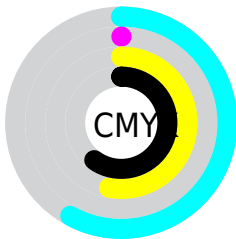
# Distribution



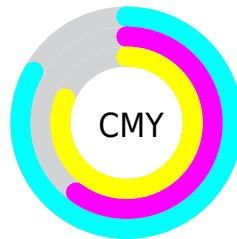
- Red (17%)
- Green (40%)
- Blue (19%)



- Red (17%)
- Yellow (38%)
- Blue (40%)



- Cyan (58%)
- Magenta (0%)
- Yellow (53%)
- Black (60%)



- Cyan (83%)
- Magenta (60%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B6630 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 2B6630 by changing the saturation by 10% instead.



 2B6630

 2B6630

FFFFFF

 0E4E1A

 5E9A5F

 003601

 78B578

 002200

 93D092

 000000

 AFEDAD

 CBFFC9

 E7FFE5

 2B6630

 2B6630

 216627

 356639

■ 17661D

■ 3F6643

■ 0C6614

■ 4A664C

■ 02660B

■ 546655

■ 006609

■ 5E665F

■ 686668

■ 726671

■ 7D667B

■ 876684

# Harmonies

## Analogous

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



546018



2B6630



006950

# Triad

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



2B6630



00609A



953E44

# Complementary

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



2B6630



662B61

# 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.



913D64



2B6630



4B5597

# Square

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



2B6630



00678D



794782



8A4927

# Rectangle

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



2B6630



006A67



794782



963C4E



# Sweetspot

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



2B6630



6E8570



61662B



354236



C2C2C2



424242



# Same Dimension

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



2B6630



298531



2B664D



2E332E



00730A



00F215



# Inverse Universe

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



662B61



85297D



662B44



332E33



730069

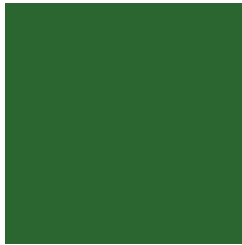


F200DE



# Previews

## White Background



This preview shows how the Hex color 2B6630 looks on a white background.

## Color Contrast Check

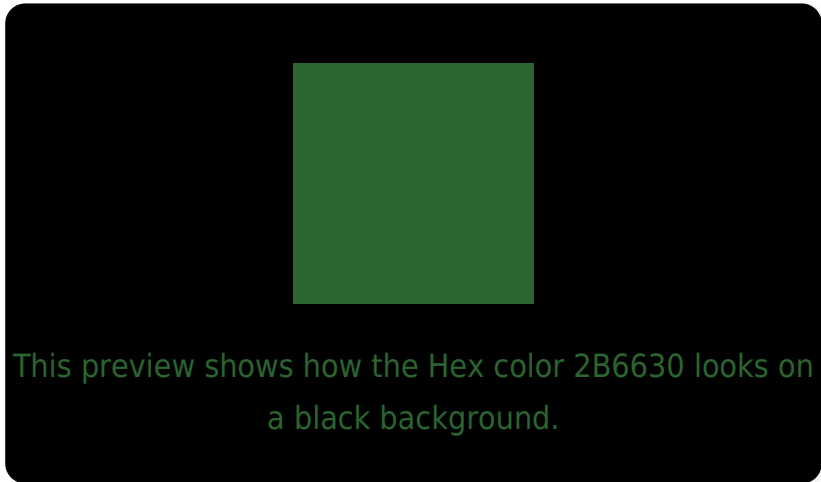
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B6630 Background



This preview shows how black text looks on a background with the Hex color 2B6630.



This preview shows how white text looks on a background with the Hex color 2B6630.

# 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**  
2B6630

**Protanopia**  
635A2C

**Deuteranopia**  
6D5634



**Tritanopia**  
396068

# Trichromacy



**Original Color**  
2B6630

**Protanomaly**  
4F5E2D

**Deuteranomaly**  
555C33

**Tritanomaly**  
346254

# Monochromacy



**Original Color**  
2B6630

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
415743

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B6630 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 #2B6630 looks like.

```
.text, #text, p{  
    color:#2B6630  
}
```

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 #2B6630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6630
}
```

## Border

The CSS property to change the border of an element to Hex 2B6630 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
#2B6630 }
```

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

```
.border{ border-color:#2B6630 }
```

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

Here you see how a box with a 4 pixel #2B6630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6630; -webkit-box-shadow:4px 4px  
4px 4px #2B6630; box-shadow:4px 4px 4px  
4px #2B6630 }
```

# Background

The CSS property to change the background color of an element to Hex 2B6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6630 }
```

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

```
.background{ background-color:#2B6630 }
```

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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