

# Converting Colors

Hex(2B6031)

Have a look what the booklet for  
Hex(2B6031) contains.

<b>Hex(2B6031)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(2B6031)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B6031
RGB	43, 96, 49
RGB Percent	17%, 38%, 19%
CMY	0.8314, 0.6235, 0.8078
CMYK	0.55, 0.00, 0.49, 0.62
HSL	127°, 38%, 27%
HSV	127°, 55%, 38%
XYZ	5.7335, 9.1011, 4.3602
YIQ	74.7950, -16.5010, -25.8530

# Conversions

## Conversions Part 2

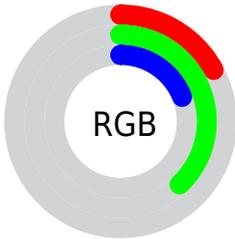
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 91, 96
Decimal	2842673
CIELab	36.18, -28.81, 21.54
CIELCh	36, 35.972, 143.221
Yxy	9.1011, 0.2987, 0.4741
Android (android.graphics.Color)	4281032753 (0xFF2B6031)
YUV	74.7950, -12.7169, -27.8842
Hunter-Lab	30.1680, -18.8696, 12.5483

# Details

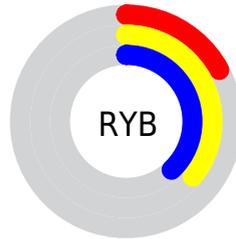
The Hex color **2B6031** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **602B5A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5D9360**, and **003103** is the 20% darker color. If you saturate the color by 10%, you get **216028**, and if you desaturate by 10%, it is **35603A**.

# Distribution



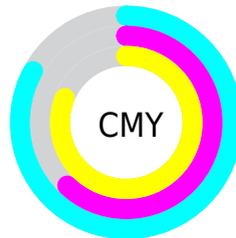
- Red (17%)
- Green (38%)
- Blue (19%)



- Red (17%)
- Yellow (36%)
- Blue (38%)



- Cyan (55%)
- Magenta (0%)
- Yellow (49%)
- Black (62%)



- Cyan (83%)
- Magenta (62%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B6031 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 2B6031 by changing the saturation by 10% instead.

 2B6031

 2B6031

FFFFFF

 10481B

 5D9360

 003103

 77AE79

 001E00

 92C993

 000000

 ADE6AE

 C9FFC9

 E5FFE5

 2B6031

 2B6031

 216028

 35603A

■ 186020

■ 3E6042

■ 0E6017

■ 48604B

■ 05600F

■ 516053

■ 00600B

■ 5B605C

■ 656064

■ 6E606D

■ 786075

■ 81607E

# Harmonies

## Analogous

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



4F5A1C



2B6031



00634D

# Triad

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



2B6031



005A8E



8A3D40

# Complementary

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



2B6031



602B5A

# 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.



863C5D



2B6031



4B508A

# Square

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



2B6031



006083



724478



7F4627

# Rectangle

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



2B6031



006361



724478



8A3B49

# Sweetspot

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



2B6031



687D6A



5B602B



334034



BFBFBF



404040



# Same Dimension

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



2B6031



2A7D34



2B604B



2C302C



00700D



00F01B



# Inverse Universe

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



602B5A



7D2A74



602B40



302C30



700063

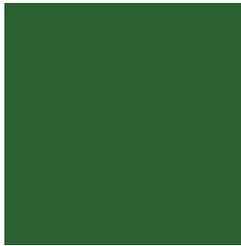


F000D5



# Previews

## White Background



This preview shows how the Hex color 2B6031 looks on a white background.

## Color Contrast Check

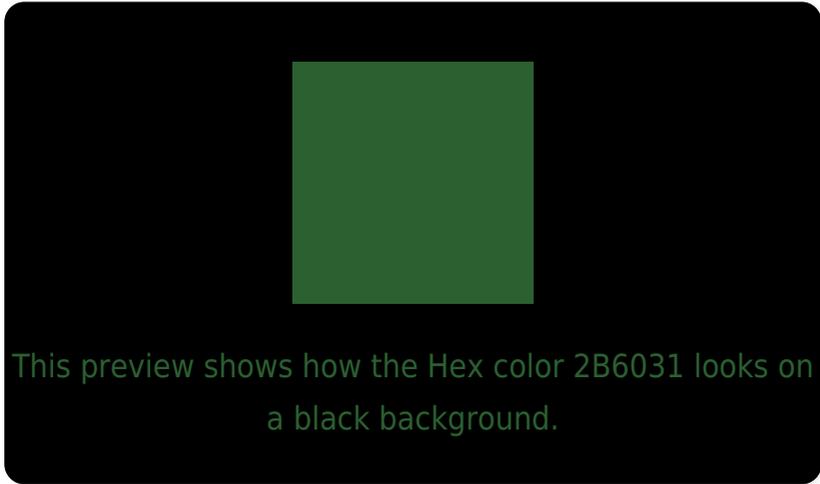
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B6031 Background



This preview shows how black text looks on a background with the Hex color 2B6031.



This preview shows how white text looks on a background with the Hex color 2B6031.

# 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**  
2B6031

**Protanopia**  
5D552D

**Deuteranopia**  
665135



**Tritanopia**  
375B62

# Trichromacy



**Original Color**  
2B6031

**Protanomaly**  
4B592E

**Deuteranomaly**  
515634

**Tritanomaly**  
335D50

# Monochromacy



**Original Color**  
2B6031

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
3F5342

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B6031 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 #2B6031 looks like.

```
.text, #text, p{  
    color:#2B6031  
}
```

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 #2B6031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6031
}
```

## Border

The CSS property to change the border of an element to Hex 2B6031 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
#2B6031 }
```

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

```
.border{ border-color:#2B6031 }
```

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

Here you see how a box with a 4 pixel #2B6031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6031; -webkit-box-shadow:4px 4px  
4px 4px #2B6031; box-shadow:4px 4px 4px  
4px #2B6031 }
```

# Background

The CSS property to change the background color of an element to Hex 2B6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6031 }
```

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

```
.background{ background-color:#2B6031 }
```

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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