

# Converting Colors

Hex(2B764C)

Have a look what the booklet for  
Hex(2B764C) contains.

<b>Hex(2B764C)</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(2B764C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2B764C
RGB	43, 118, 76
RGB Percent	17%, 46%, 30%
CMY	0.8314, 0.5373, 0.7020
CMYK	0.64, 0.00, 0.36, 0.54
HSL	146°, 47%, 32%
HSV	146°, 64%, 46%
XYZ	8.7792, 13.9923, 9.0755
YIQ	90.7870, -31.2180, -28.9620

# Conversions

## Conversions Part 2

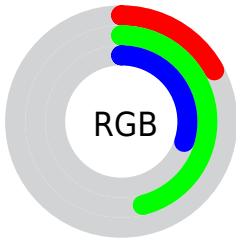
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 95, 118
Decimal	2848332
CIELab	44.22, -33.56, 16.47
CIElCh	44, 37.381, 153.864
Yxy	13.9923, 0.2757, 0.4394
Android (android.graphics.Color)	4281038412 (0xFF2B764C)
YUV	90.7870, -7.2900, -41.9092
Hunter-Lab	37.4062, -23.5672, 11.7994

# Details

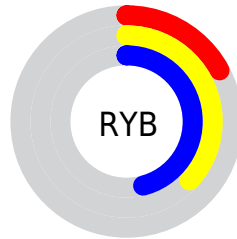
The Hex color **2B764C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **762B55**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **61AB7D**, and **00451F** is the 20% darker color. If you saturate the color by 10%, you get **1F7645**, and if you desaturate by 10%, it is **377653**.

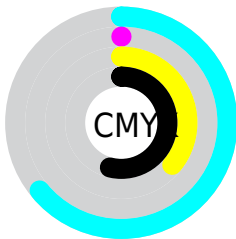
# Distribution



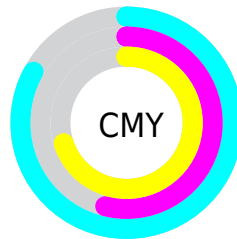
- Red (17%)
- Green (46%)
- Blue (30%)



- Red (17%)
- Yellow (37%)
- Blue (46%)



- Cyan (64%)
- Magenta (0%)
- Yellow (36%)
- Black (54%)



- Cyan (83%)
- Magenta (54%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B764C 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 2B764C by changing the saturation by 10% instead.



 2B764C

 2B764C

FFFFFF

 095D35

 61AB7D

 00451F

 7BC697

 002E09

 97E3B2

 001700

 B2FFCD

 000000

 CFFFEA

 ECFFFF

 2B764C

 2B764C

 1F7645

 377653

■ 13763F

■ 437659

■ 087638

■ 4E7660

■ 007634

■ 5A7666

■ 66766D

■ 727674

■ 7E767A

■ 897681

■ 957687

# Harmonies

## Analogous

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



567133



2B764C



00786C

# Triad

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



2B764C



376BA6



A05248

# Complementary

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



2B764C



762B55

# 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.



A24E66



2B764C



705F9C

# Square

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



2B764C



0073A0



925384



905D31

# Rectangle

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



2B764C



007881



925384



A25051



# Sweetspot

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



2B764C



7C9989



56762B



3B4D43



CCCCCC



4D4D4D



# Same Dimension

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



2B764C



259958



2B7671



353B37



007A36



00FA6E



# Inverse Universe

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



762B55



992566



762B30



3B3538



7A0045



FA008C



# Previews

## White Background



This preview shows how the Hex color 2B764C looks on a white background.

## Color Contrast Check

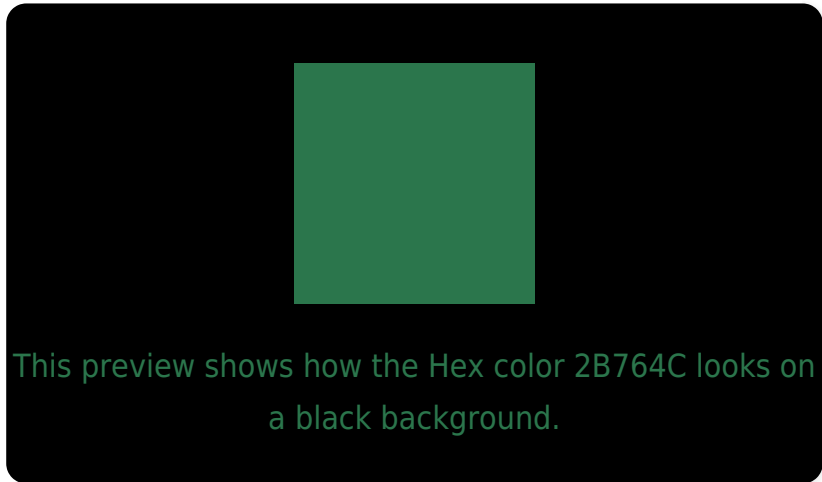
Large Text (above 18pt) WCAG AA ✓ Pass

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

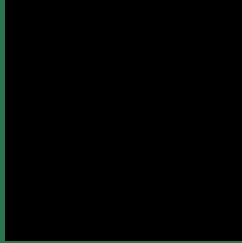
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B764C Background



This preview shows how black text looks on a background with the Hex color 2B764C.



This preview shows how white text looks on a background with the Hex color 2B764C.

# 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**  
2B764C

**Protanopia**  
716846

**Deuteranopia**  
7A6450



**Tritanopia**  
3A707A

# Trichromacy



**Original Color**  
2B764C

**Protanomaly**  
586D48

**Deuteranomaly**  
5D6B4F

**Tritanomaly**  
357269

# Monochromacy



**Original Color**  
2B764C

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
4A6556

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B764C 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 #2B764C looks like.

```
.text, #text, p{  
    color:#2B764C  
}
```

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 #2B764C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B764C  
}
```

## Border

The CSS property to change the border of an element to Hex 2B764C 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".

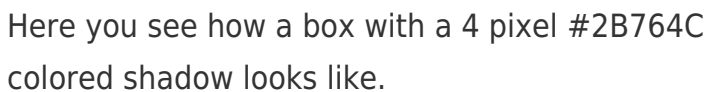
```
.border, #border, table{ border:4px solid  
#2B764C }
```

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

```
.border{ border-color:#2B764C }
```

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

Here you see how a box with a 4 pixel #2B764C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B764C; -webkit-box-shadow:4px 4px  
4px 4px #2B764C; box-shadow:4px 4px 4px  
4px #2B764C }
```

# Background

The CSS property to change the background color of an element to Hex 2B764C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B764C }
```

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

```
.background{ background-color:#2B764C }
```

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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