

# Converting Colors

Hex(2B6763)

Have a look what the booklet for  
Hex(2B6763) contains.

<b>Hex(2B6763)</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(2B6763)

# Conversions

## Conversions Part 1

Format	Color
Hex	2B6763
RGB	43, 103, 99
RGB Percent	17%, 40%, 39%
CMY	0.8314, 0.5961, 0.6118
CMYK	0.58, 0.00, 0.04, 0.60
HSL	176°, 41%, 29%
HSV	176°, 58%, 40%
XYZ	8.0986, 11.1149, 13.5229
YIQ	84.6040, -34.4760, -13.9640

# Conversions

## Conversions Part 2

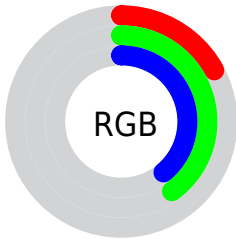
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 74, 103
Decimal	2844515
CIELab	39.77, -20.38, -3.62
CIElCh	40, 20.703, 190.083
Yxy	11.1149, 0.2474, 0.3395
Android (android.graphics.Color)	4281034595 (0xFF2B6763)
YUV	84.6040, 7.0972, -36.4867
Hunter-Lab	33.3391, -14.9826, -0.7117




# Details

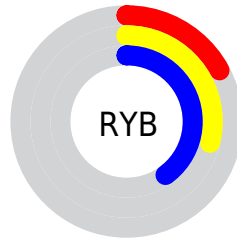
The Hex color **2B6763** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **672B2F**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **5F9A96**, and **003835** is the 20% darker color. If you saturate the color by 10%, you get **216762**, and if you desaturate by 10%, it is **356764**.

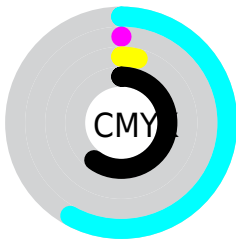
# Distribution







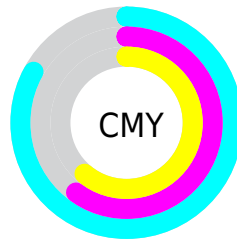
-  Red (17%)
-  Green (40%)
-  Blue (39%)






-  Red (17%)
-  Yellow (29%)
-  Blue (40%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (60%)



-  Cyan (83%)
-  Magenta (60%)
-  Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B6763 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 2B6763 by changing the saturation by 10% instead.



 2B6763

 2B6763

FFFFFF

 0C4F4B

 5F9A96

 003835

 7AB5B0

 00221F

 94D1CC

 000008

 B0EDE8


 000000

 CCFFFF

 E9FFFF

 2B6763

 2B6763

 216762

 356764

■ 166762

■ 406764

■ 0C6761

■ 4A6765

■ 026760

■ 546766

■ 006760

■ 5F6766

■ 696767

■ 736768

■ 7D6768

■ 886769

# Harmonies

## Analogous

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



3D6652



2B6763



266673

# Triad

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



2B6763



675778



73593E

# Complementary

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



2B6763



672B2F

# 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.



7D5449



2B6763



78526A

# Square

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



2B6763



505D7F



7F5159



645E3C

# Rectangle

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



2B6763



2F647A



7F5159



775741



# Sweetspot

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



2B6763



708786



2F672B



374544



C4C4C4



454545



# Same Dimension

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



2B6763



298781



2B4D67



2E3333



00736B



00F2E2



# Inverse Universe

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



672B2F



87292F



67452B



332E2E



730008



F20010



# Previews

## White Background



This preview shows how the Hex color 2B6763 looks on a white background.

## Color Contrast Check

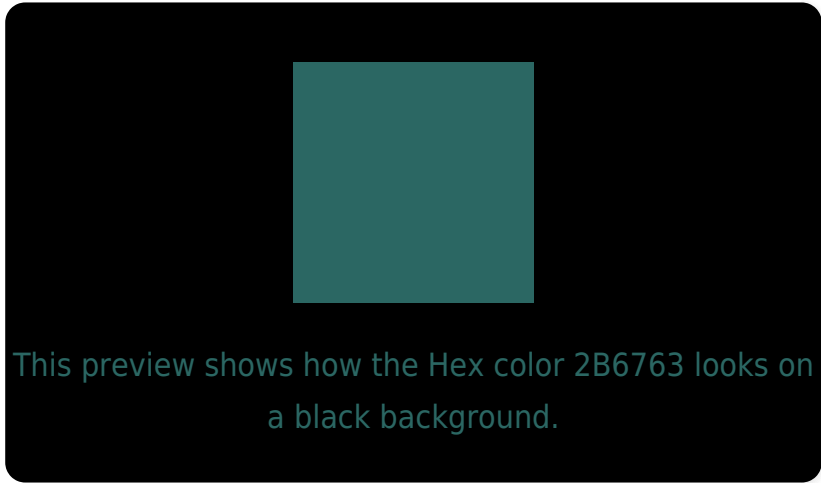
Large Text (above 18pt) WCAG AA ✓ Pass

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

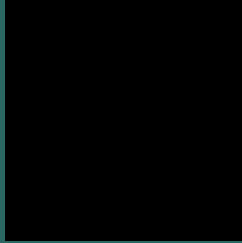
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B6763 Background



This preview shows how black text looks on a background with the Hex color 2B6763.



This preview shows how white text looks on a background with the Hex color 2B6763.

# 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



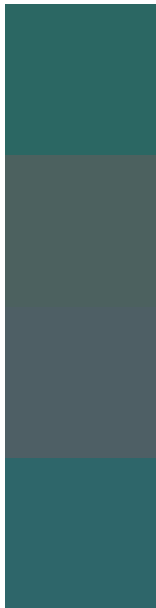
**Original Color**  
2B6763

**Protanopia**  
5F5D5D

**Deuteranopia**  
625B66



# Trichromacy



**Original Color**  
2B6763

**Protanomaly**  
4C615F

**Deuteranomaly**  
4E5F65

**Tritanomaly**  
2E666A

# Monochromacy



**Original Color**  
2B6763

**Achromatopsia**  
555555

**Achromatomaly**  
465C5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B6763 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 #2B6763 looks like.

```
.text, #text, p{  
    color:#2B6763  
}
```

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 #2B6763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6763
}
```

## Border

The CSS property to change the border of an element to Hex 2B6763 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
#2B6763 }
```

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

```
.border{ border-color:#2B6763 }
```

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

Here you see how a box with a 4 pixel #2B6763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6763; -webkit-box-shadow:4px 4px  
4px 4px #2B6763; box-shadow:4px 4px 4px  
4px #2B6763 }
```

# Background

The CSS property to change the background color of an element to Hex 2B6763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6763 }
```

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

```
.background{ background-color:#2B6763 }
```

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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