

# Converting Colors

Hex(2E685B)

Have a look what the booklet for  
Hex(2E685B) contains.

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# Color

**Hex(2E685B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E685B
RGB	46, 104, 91
RGB Percent	18%, 41%, 36%
CMY	0.8196, 0.5922, 0.6431
CMYK	0.56, 0.00, 0.12, 0.59
HSL	167°, 39%, 29%
HSV	167°, 56%, 41%
XYZ	7.9654, 11.2368, 11.6466
YIQ	85.1760, -30.3950, -16.3390

# Conversions

## Conversions Part 2

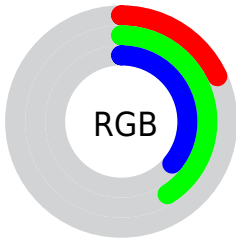
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 79, 104
Decimal	3041371
CIELab	39.98, -22.47, 1.57
CIELCh	40, 22.527, 175.997
Yxy	11.2368, 0.2582, 0.3643
Android (android.graphics.Color)	4281231451 (0xFF2E685B)
YUV	85.1760, 2.8712, -34.3574
Hunter-Lab	33.5213, -16.2471, 2.8653

# Details

The Hex color **2E685B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **682E3B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **619C8D**, and **00382D** is the 20% darker color. If you saturate the color by 10%, you get **246859**, and if you desaturate by 10%, it is **38685D**.

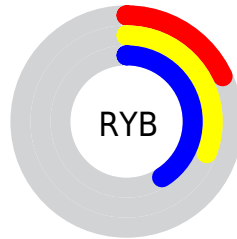
# Distribution



Red (18%)

Green (41%)

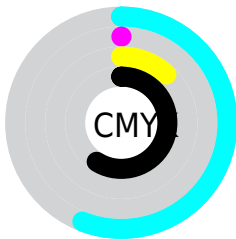
Blue (36%)



Red (18%)

Yellow (31%)

Blue (41%)

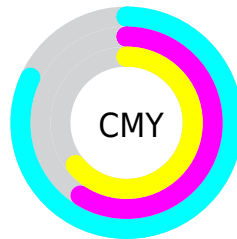


Cyan (56%)

Magenta (0%)

Yellow (12%)

Black (59%)



Cyan (82%)

Magenta (59%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E685B 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 2E685B by changing the saturation by 10% instead.





2E685B



2E685B

FFFFFF



125044



619C8D



00382D



7BB7A7



002319



96D2C3



000000



B2EFDf



CEFFFB



EAffFF



2E685B



2E685B



246859



38685D

■ 196856

■ 436860

■ 0F6854

■ 4D6862

■ 046852

■ 586864

■ 006851

■ 626867

■ 6C6869

■ 77686B

■ 81686E

■ 8C6870

# Harmonies

## Analogous

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



456649



2E685B



1C686E

# Triad

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



2E685B



5D5A7F



7B5640

# Complementary

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



2E685B



682E3B

# 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.



82514F



2E685B



735473

# Square

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



2E685B



416183



805061



6D5C39

# Rectangle

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



2E685B



1E6678



805061



7E5445



# Sweetspot

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



2E685B



708782



3C682E



374542



C4C4C4



454545



# Same Dimension

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



2E685B



2D8773



2E5968



2E3332



007359



00F2BC



# Inverse Universe

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



682E3B



872D41



683D2E



332E2F



73001A



F20036



# Previews

## White Background



This preview shows how the Hex color 2E685B looks on a white background.

## Color Contrast Check

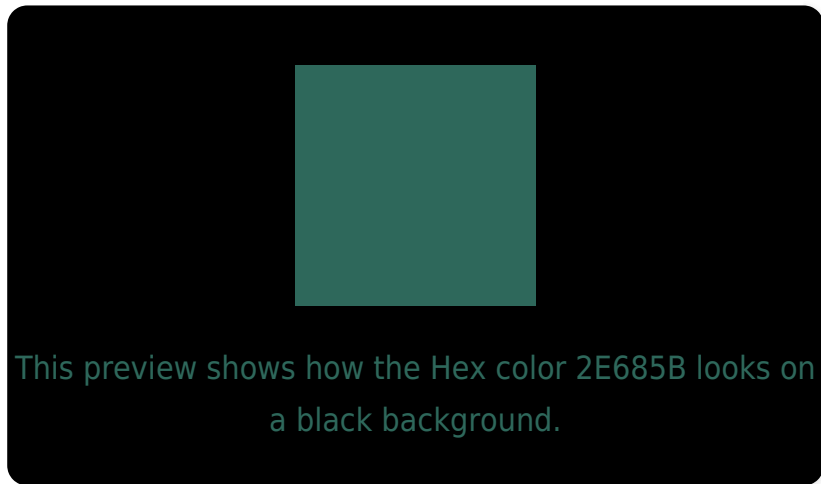
Large Text (above 18pt) WCAG AA ✓ Pass

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

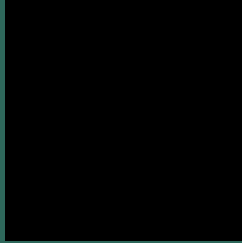
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

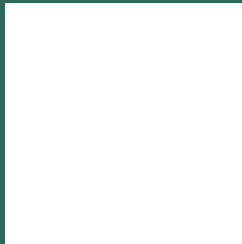
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E685B Background



This preview shows how black text looks on a background with the Hex color 2E685B.



This preview shows how white text looks on a background with the Hex color 2E685B.

# 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



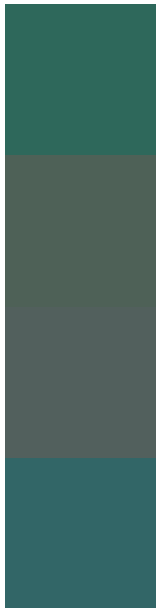
**Original Color**  
2E685B

**Protanopia**  
615D55

**Deuteranopia**  
675B5E



# Trichromacy



**Original Color**  
2E685B

**Protanomaly**  
4E6157

**Deuteranomaly**  
52605D

**Tritanomaly**  
326667

# Monochromacy



**Original Color**  
2E685B

**Achromatopsia**  
555555

**Achromatomaly**  
475C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E685B 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 #2E685B looks like.

```
.text, #text, p{  
    color:#2E685B  
}
```

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 #2E685B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E685B
}
```

## Border

The CSS property to change the border of an element to Hex 2E685B 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
#2E685B }
```

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

```
.border{ border-color:#2E685B }
```

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

Here you see how a box with a 4 pixel #2E685B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E685B; -webkit-box-shadow:4px 4px  
4px 4px #2E685B; box-shadow:4px 4px 4px  
4px #2E685B }
```

# Background

The CSS property to change the background color of an element to Hex 2E685B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E685B }
```

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

```
.background{ background-color:#2E685B }
```

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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