

# Converting Colors

Hex(2E874A)

Have a look what the booklet for  
Hex(2E874A) contains.

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# Color

**Hex(2E874A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E874A
RGB	46, 135, 74
RGB Percent	18%, 53%, 29%
CMY	0.8196, 0.4706, 0.7098
CMYK	0.66, 0.00, 0.45, 0.47
HSL	139°, 49%, 35%
HSV	139°, 66%, 53%
XYZ	11.0267, 18.4032, 9.4496
YIQ	101.4350, -33.4630, -37.8390

# Conversions

## Conversions Part 2

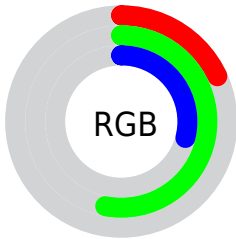
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 114, 135
Decimal	3049290
CIE Lab	49.98, -40.54, 25.21
CIE LCh	50, 47.744, 148.124
Yxy	18.4032, 0.2836, 0.4733
Android (android.graphics.Color)	4281239370 (0xFF2E874A)
YUV	101.4350, -13.5255, -48.6165
Hunter-Lab	42.8990, -29.1916, 16.9692

# Details

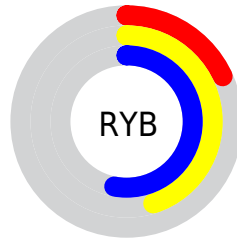
The Hex color **2E874A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **872E6B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **66BD7C**, and **00541C** is the 20% darker color. If you saturate the color by 10%, you get **218741**, and if you desaturate by 10%, it is **3C8753**.

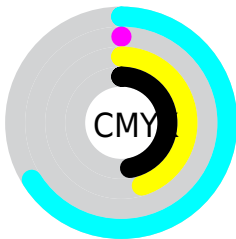
# Distribution



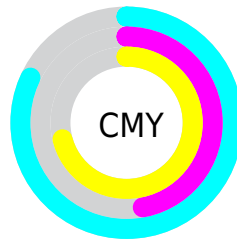
- Red (18%)
- Green (53%)
- Blue (29%)



- Red (18%)
- Yellow (45%)
- Blue (53%)



- Cyan (66%)
- Magenta (0%)
- Yellow (45%)
- Black (47%)



- Cyan (82%)
- Magenta (47%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E874A 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 2E874A by changing the saturation by 10% instead.



 2E874A

 2E874A

FFFFFF

 076D33

 66BD7C

 00541C

 82D996

 003C05

 9EF6B1

 002700

 BAFFCC

 000000

 D7FFE8

 F4FFFF

 2E874A

 2E874A

 218741

 3C8753

■ 138737

■ 49875D

■ 06872E

■ 578766

■ 00872A

■ 64876F

■ 728778

■ 7F8782

■ 8D878B

■ 9A8794

■ A8879D

# Harmonies

## Analogous

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



67802A



2E874A



008A73

# Triad

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



2E874A



007CC8



BF5653

# Complementary

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



2E874A



872E6B

# 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.



BE527B



2E874A



736DBF

# Square

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



2E874A



0086BB



A65CA2



AE6432

# Rectangle

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



2E874A



008B8F



A65CA2



C15360



# Sweetspot

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



2E874A



8DB098



6C872E



44594B



D9D9D9



595959



# Same Dimension

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



2E874A



25B051



2E8775



3C423E



008229



000301



# Inverse Universe

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



872E6B



B02584



872E40



423C40



820059



030002



# Previews

## White Background



This preview shows how the Hex color 2E874A looks on a white background.

## Color Contrast Check

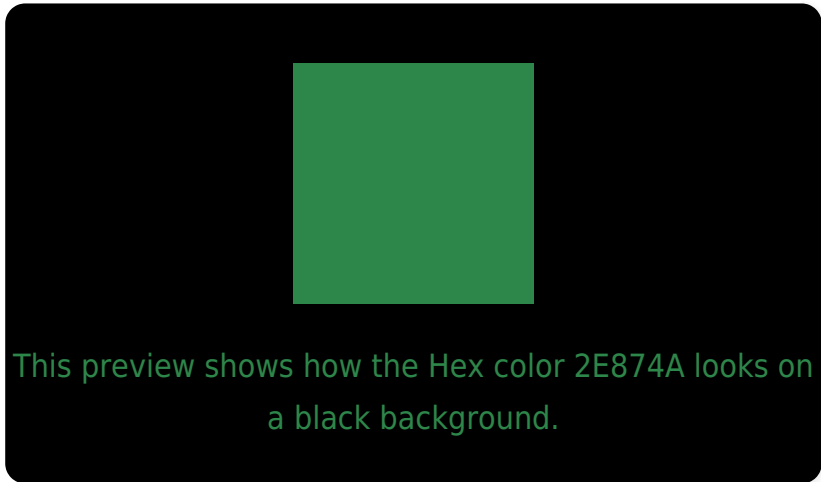
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 2E874A Background



This preview shows how black text looks on a background with the Hex color 2E874A.

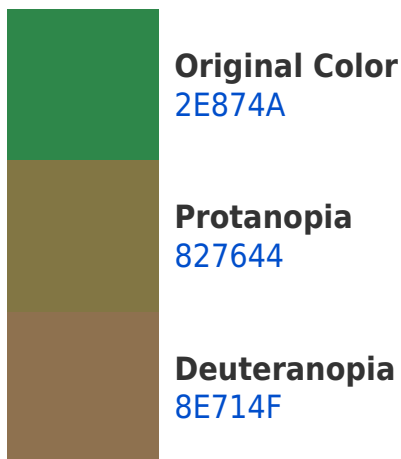


This preview shows how white text looks on a background with the Hex color 2E874A.

# 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





**Tritanopia**  
42808A

# Trichromacy



**Original Color**  
2E874A



**Protanomaly**  
637C46



**Deuteranomaly**  
6B794D



**Tritanomaly**  
3B8373

# Monochromacy



**Original Color**  
2E874A



**Achromatopsia**  
656565



**Achromatomaly**  
51715B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E874A 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 #2E874A looks like.

```
.text, #text, p{  
    color:#2E874A  
}
```

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 #2E874A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E874A
}
```

## Border

The CSS property to change the border of an element to Hex 2E874A 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".

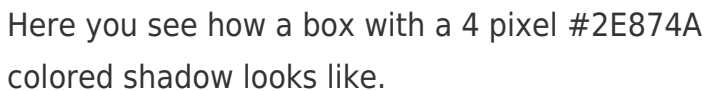
```
.border, #border, table{ border:4px solid
#2E874A }
```

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

```
.border{ border-color:#2E874A }
```

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

Here you see how a box with a 4 pixel #2E874A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E874A; -webkit-box-shadow:4px 4px  
4px 4px #2E874A; box-shadow:4px 4px 4px  
4px #2E874A }
```

# Background

The CSS property to change the background color of an element to Hex 2E874A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E874A }
```

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

```
.background{ background-color:#2E874A }
```

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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