

# Converting Colors

Hex(2EA47F)

Have a look what the booklet for  
Hex(2EA47F) contains.

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# Color

Hex(2EA47F)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EA47F
RGB	46, 164, 127
RGB Percent	18%, 64%, 50%
CMY	0.8196, 0.3569, 0.5020
CMYK	0.72, 0.00, 0.23, 0.36
HSL	161°, 56%, 41%
HSV	161°, 72%, 64%
XYZ	18.2329, 28.6641, 24.6504
YIQ	124.5000, -58.4510, -36.5230

# Conversions

## Conversions Part 2

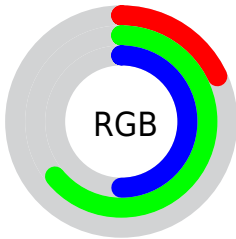
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 116, 164
Decimal	3056767
CIELab	60.48, -41.31, 9.97
CIELCh	60, 42.494, 166.425
Yxy	28.6641, 0.2548, 0.4006
Android (android.graphics.Color)	4281246847 (0xFF2EA47F)
YUV	124.5000, 1.2325, -68.8445
Hunter-Lab	53.5388, -32.9038, 10.1788

# Details

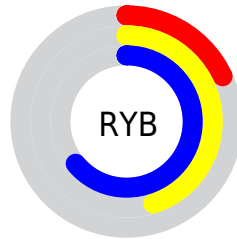
The Hex color **2EA47F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A42E53**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6CDCB4**, and **006F4E** is the 20% darker color. If you saturate the color by 10%, you get **1EA47A**, and if you desaturate by 10%, it is **3EA484**.

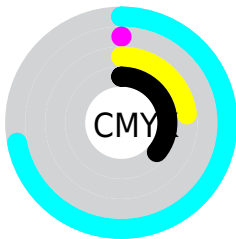
# Distribution



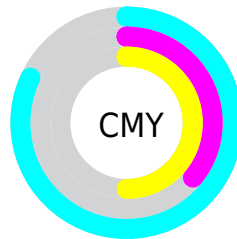
- Red (18%)
- Green (64%)
- Blue (50%)



- Red (18%)
- Yellow (45%)
- Blue (64%)



- Cyan (72%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)



- Cyan (82%)
- Magenta (36%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EA47F 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 2EA47F by changing the saturation by 10% instead.





2EA47F



2EA47F

FFFFFF



008966



6CDCB4



006F4E



89F9CF



005637



A6FFEC



003E22



C3FFFF



00280C



E1FFFF



000300



000000



2EA47F



2EA47F



1EA47A



3EA484

0DA475

4FA489

00A471

5FA48E

70A494

80A499

90A49E

A1A4A3

B1A4A8

C2A4AD

# Harmonies

## Analogous

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



6A9F5C



2EA47F



00A5A6

# Triad

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



2EA47F



7A8FDA



D07C5D

# Complementary

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



2EA47F



A42E53

# 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.



D9737F



2EA47F



AF80C6

# Square

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



2EA47F



1D9BDA



CF75A4



B78A48

# Rectangle

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



2EA47F



00A4BD



CF75A4



D57967



# Sweetspot

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



2EA47F



A7D6C7



53A42E



4F6B62



EBEBEB



6B6B6B



# Same Dimension

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



2EA47F



1ED69C



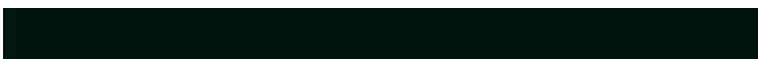
2E8EA4



49524F



009164



00120C



# Inverse Universe

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



A42E53



D61E58



A4442E



52494C



91002E

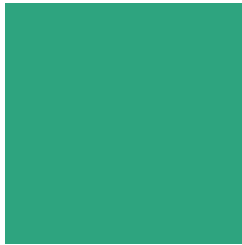


120006



# Previews

## White Background



This preview shows how the Hex color 2EA47F looks on a white background.

## Color Contrast Check

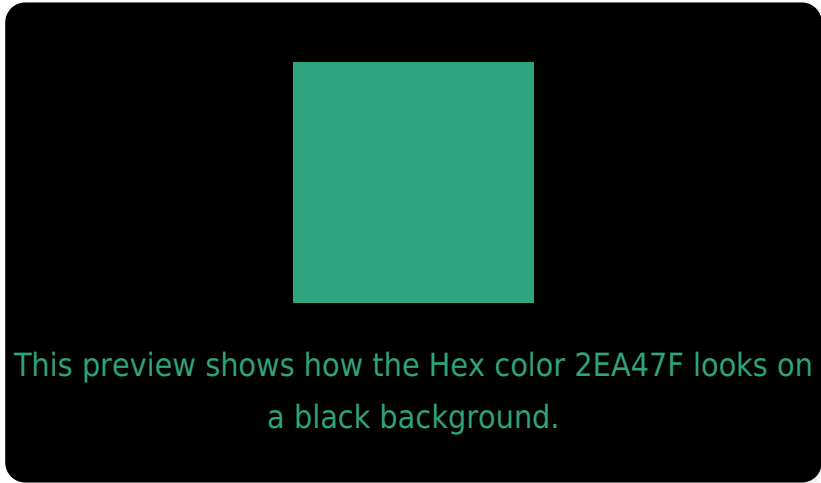
Large Text (above 18pt) WCAG AA ✓ Pass

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

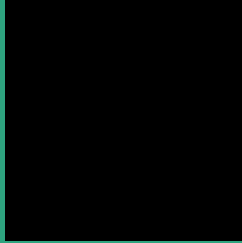
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2EA47F Background



This preview shows how black text looks on a background with the Hex color 2EA47F.

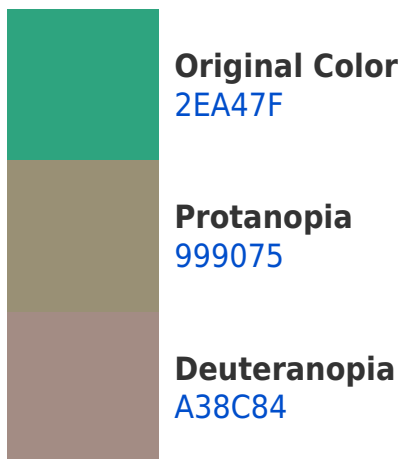


This preview shows how white text looks on a background with the Hex color 2EA47F.

# 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**  
439EAB

# Trichromacy



**Original Color**  
2EA47F



**Protanomaly**  
729779



**Deuteranomaly**  
789582



**Tritanomaly**  
3BA09B

# Monochromacy



**Original Color**  
2EA47F



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
608B7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EA47F 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 #2EA47F looks like.

```
.text, #text, p{  
    color:#2EA47F  
}
```

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 #2EA47F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA47F
}
```

## Border

The CSS property to change the border of an element to Hex 2EA47F 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
#2EA47F }
```

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

```
.border{ border-color:#2EA47F }
```

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

Here you see how a box with a 4 pixel #2EA47F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA47F; -webkit-box-shadow:4px 4px  
4px 4px #2EA47F; box-shadow:4px 4px 4px  
4px #2EA47F }
```

# Background

The CSS property to change the background color of an element to Hex 2EA47F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA47F }
```

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

```
.background{ background-color:#2EA47F }
```

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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