

# Converting Colors

Hex(2EAF89)

Have a look what the booklet for  
Hex(2EAF89) contains.

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# Color

**Hex(2EAF89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EAF89
RGB	46, 175, 137
RGB Percent	18%, 69%, 54%
CMY	0.8196, 0.3137, 0.4627
CMYK	0.74, 0.00, 0.22, 0.31
HSL	162°, 58%, 43%
HSV	162°, 74%, 69%
XYZ	20.9720, 33.0469, 28.9403
YIQ	132.0970, -64.6860, -39.1660

# Conversions

## Conversions Part 2

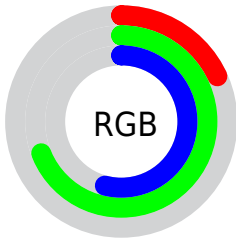
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">46, 122, 175</a>
Decimal	<a href="#">3059593</a>
CIELab	<a href="#">64.20, -43.55, 9.68</a>
CIELCh	<a href="#">64, 44.611, 167.464</a>
Yxy	<a href="#">33.0469, 0.2528, 0.3984</a>
Android (android.graphics.Color)	<a href="#">4281249673 (0xFF2EAF89)</a>
YUV	<a href="#">132.0970, 2.4172, -75.5071</a>
Hunter-Lab	<a href="#">57.4865, -35.4815, 10.3923</a>

# Details

The Hex color **2EAF89** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF2E54**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6FE7BE**, and **007957** is the 20% darker color. If you saturate the color by 10%, you get **1DAF84**, and if you desaturate by 10%, it is **40AF8E**.

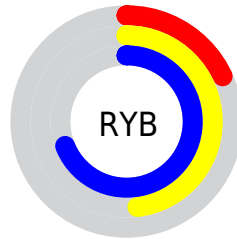
# Distribution



Red (18%)

Green (69%)

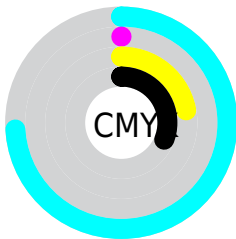
Blue (54%)



Red (18%)

Yellow (48%)

Blue (69%)

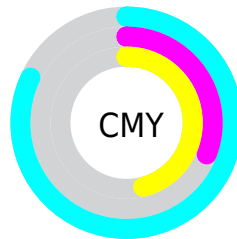


Cyan (74%)

Magenta (0%)

Yellow (22%)

Black (31%)



Cyan (82%)

Magenta (31%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EAF89 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 2EAF89 by changing the saturation by 10% instead.





2EAF89



2EAF89

FFFFFF



009470



6FE7BE



007957



8CFFDA



006040



AAFF77



00472A



C7FFFF



003015



E5FFFF



001700



000000



2EAF89



2EAF89



1DAF84



40AF8E

■ 0BAF7F

■ 51AF93

■ 00AF7B

■ 63AF98

■ 74AF9E

■ 86AFA3

■ 97AFA8

■ A9AFAD

■ BAAFB2

■ CBAFB7

# Harmonies

## Analogous

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



6FAA64



2EAF89



00B0B2

# Triad

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



2EAF89



8498E7



DD8563

# Complementary

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



2EAF89



AF2E54

# 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.



E77B86



2EAF89



BC88D2

# Square

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



2EAF89



25A5E9



DD7DAE



C2944D

# Rectangle

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



2EAF89



00AECB



DD7DAE



E2816D



# Sweetspot

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



2EAF89



B1E3D4



55AF2E



55736A



F2F2F2



737373



# Same Dimension

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



2EAF89



1BE3A8



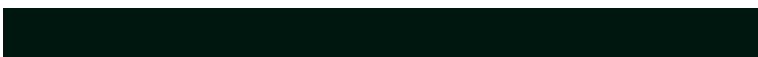
2E95AF



4E5754



00966A



001710



# Inverse Universe

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



AF2E54



E31B56



AF482E



574E51



96002C

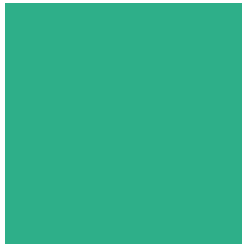


170007



# Previews

## White Background



This preview shows how the Hex color 2EAF89 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

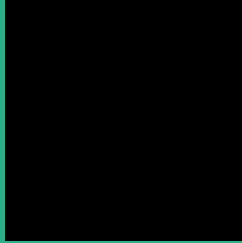
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2EAF89 Background



This preview shows how black text looks on a background with the Hex color 2EAF89.

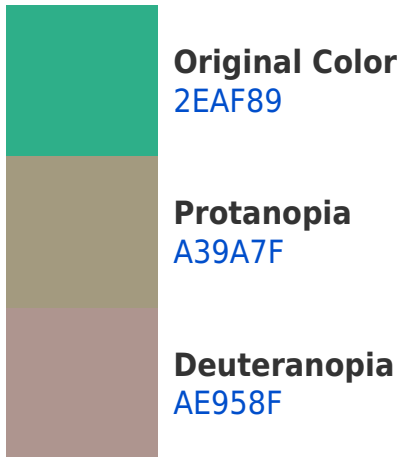


This preview shows how white text looks on a background with the Hex color 2EAF89.

# 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](#).

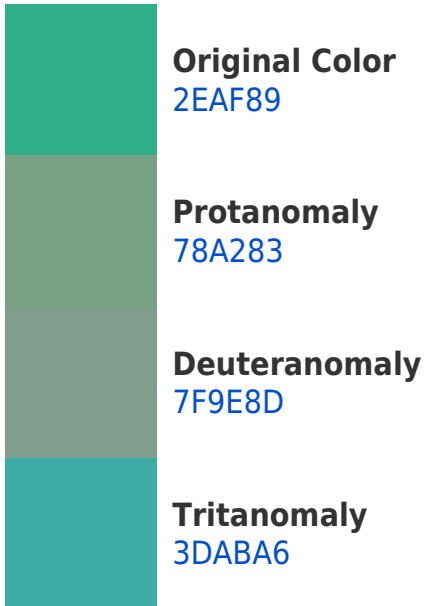
## Dichromacy





**Tritanopia**  
45A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EAF89 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 #2EAF89 looks like.

```
.text, #text, p{  
    color:#2EAF89  
}
```

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 #2EAF89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EAF89
}
```

## Border

The CSS property to change the border of an element to Hex 2EAF89 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
#2EAF89 }
```

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

```
.border{ border-color:#2EAF89 }
```

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

Here you see how a box with a 4 pixel #2EAF89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EAF89; -webkit-box-shadow:4px 4px  
4px 4px #2EAF89; box-shadow:4px 4px 4px  
4px #2EAF89 }
```

# Background

The CSS property to change the background color of an element to Hex 2EAF89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EAF89 }
```

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

```
.background{ background-color:#2EAF89 }
```

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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