

# Converting Colors

Hex(2EBFA4)

Have a look what the booklet for  
Hex(2EBFA4) contains.

<b>Hex(2EBFA4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(2EBFA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EBFA4
RGB	46, 191, 164
RGB Percent	18%, 75%, 64%
CMY	0.8196, 0.2510, 0.3569
CMYK	0.76, 0.00, 0.14, 0.25
HSL	169°, 61%, 46%
HSV	169°, 76%, 75%
XYZ	26.4584, 40.5228, 41.5491
YIQ	144.5670, -77.7530, -39.1370

# Conversions

## Conversions Part 2

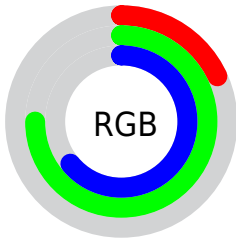
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 126, 191
Decimal	3063716
CIELab	69.84, -43.53, 2.94
CIELCh	70, 43.629, 176.143
Yxy	40.5228, 0.2438, 0.3734
Android (android.graphics.Color)	4281253796 (0xFF2EBFA4)
YUV	144.5670, 9.5805, -86.4433
Hunter-Lab	63.6575, -37.2096, 5.8618

# Details

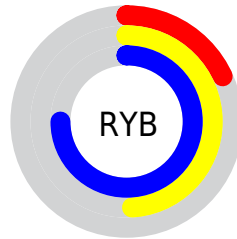
The Hex color **2EBFA4** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF2E49**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **73F8DB**, and **008970** is the 20% darker color. If you saturate the color by 10%, you get **1BBFA0**, and if you desaturate by 10%, it is **41BFA8**.

# Distribution



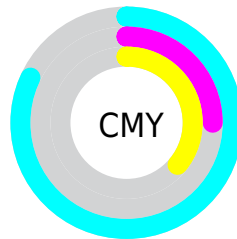
- Red (18%)
- Green (75%)
- Blue (64%)



- Red (18%)
- Yellow (49%)
- Blue (75%)



- Cyan (76%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (82%)
- Magenta (25%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EBFA4 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 2EBFA4 by changing the saturation by 10% instead.





2EBFA4



2EBFA4

FFFFFF



00A38A



73F8DB



008970



91FFF7



006E58



B0FFFF



005541



CEFFFF



003D2B



ECFFFF



002816



000000



2EBFA4



2EBFA4



1BBFA0



41BFA8

08BF9D

54BFAB

00BF9B

67BFAF

7ABFB2

8EBFB6

A1BFB9

B4BFBD

C7BFC0

DABFC4

# Harmonies

## Analogous

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



71BB7D



2EBFA4



00BFCC

# Triad

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



2EBFA4



A7A2F2



E6996A

# Complementary

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



2EBFA4



BF2E49

# 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.



F68D8A



2EBFA4



D794D7

# Square

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



2EBFA4



61B0F9



F28BB1



C8A75A

# Rectangle

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



2EBFA4



00BCE3



F28BB1



ED9473

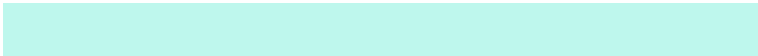


# Sweetspot

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



2EBFA4



BEF7ED



4BBF2E



5A7D76



FCFCFC



7D7D7D



# Same Dimension

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



2EBFA4



16F7CD



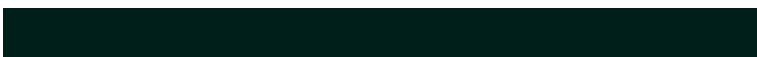
2E93BF



555E5D



009E81



001F19



# Inverse Universe

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



BF2E49



F71640



BF5A2E



5E5557



9E001D

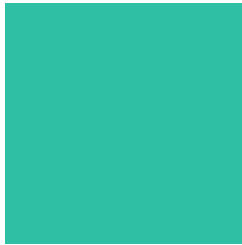


1F0006



# Previews

## White Background



This preview shows how the Hex color 2EBFA4 looks on a white background.

## Color Contrast Check

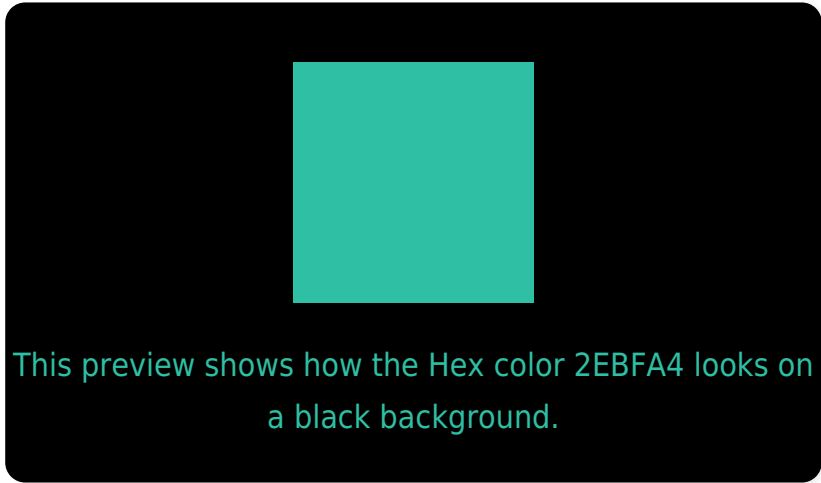
Large Text (above 18pt) WCAG AA × Fail

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

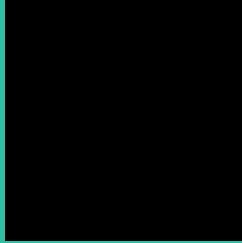
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

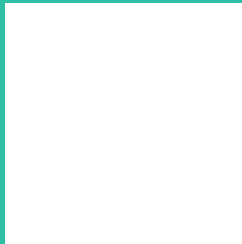
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2EBFA4 Background



This preview shows how black text looks on a background with the Hex color 2EBFA4.

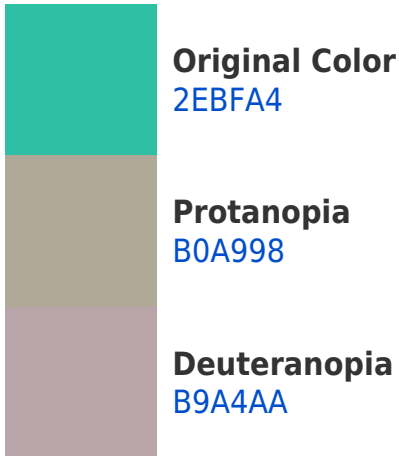


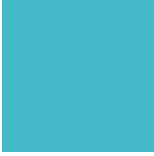
This preview shows how white text looks on a background with the Hex color 2EBFA4.

# 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**  
44BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EBFA4 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 #2EBFA4 looks like.

```
.text, #text, p{  
    color:#2EBFA4  
}
```

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 #2EBFA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EBFA4
}
```

## Border

The CSS property to change the border of an element to Hex 2EBFA4 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
#2EBFA4 }
```

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

```
.border{ border-color:#2EBFA4 }
```

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

Here you see how a box with a 4 pixel #2EBFA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EBFA4; -webkit-box-shadow:4px 4px  
4px 4px #2EBFA4; box-shadow:4px 4px 4px  
4px #2EBFA4 }
```

# Background

The CSS property to change the background color of an element to Hex 2EBFA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EBFA4 }
```

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

```
.background{ background-color:#2EBFA4 }
```

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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