

Converting Colors

Hex(2FAB8F)

Have a look what the booklet for
Hex(2FAB8F) contains.

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Color

Hex(2FAB8F)

Conversions

Conversions Part 1

Format	Color
Hex	2FAB8F
RGB	47, 171, 143
RGB Percent	18%, 67%, 56%
CMY	0.8157, 0.3294, 0.4392
CMYK	0.73, 0.00, 0.16, 0.33
HSL	166°, 57%, 43%
HSV	166°, 73%, 67%
XYZ	20.6931, 31.7133, 31.0172
YIQ	130.7320, -64.9160, -34.9960

Conversions

Conversions Part 2

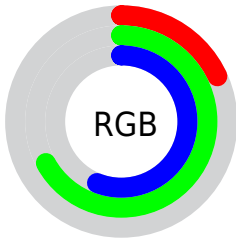
Format	Color
RYB	47, 117, 171
Decimal	3124111
CIELab	63.11, -40.18, 4.79
CIELCh	63, 40.464, 173.199
Yxy	31.7133, 0.2480, 0.3801
Android (android.graphics.Color)	4281314191 (0xFF2FAB8F)
YUV	130.7320, 6.0481, -73.4330
Hunter-Lab	56.3146, -32.9597, 6.7642

Details

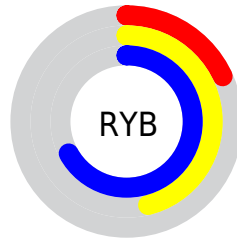
The Hex color **2FAB8F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB2F4B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6FE3C5**, and **00765D** is the 20% darker color. If you saturate the color by 10%, you get **1EAB8B**, and if you desaturate by 10%, it is **40AB93**.

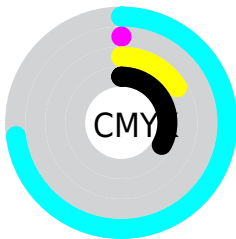
Distribution



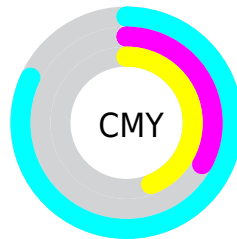
- Red (18%)
- Green (67%)
- Blue (56%)



- Red (18%)
- Yellow (46%)
- Blue (67%)



- Cyan (73%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)



- Cyan (82%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FAB8F 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 2FAB8F by changing the saturation by 10% instead.

 2FAB8F

 2FAB8F


FFFFFF

 009075

 6FE3C5

 00765D

 8CFFE1

 005C45

 AAFFFD

 00442F

 C7FFF

 002D1A

 E5FFF

 001300

 000000

 2FAB8F

 2FAB8F

 1EAB8B

 40AB93

0DAB87

51AB97

00AB84

62AB9B

73AB9E

84ABA2

96ABA6

A7ABAA

B8ABAE

C9ABB2

Harmonies

Analogous

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



69A76C



2FAB8F



00ABB4

Triad

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



2FAB8F



9092DB



D18760

Complementary

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



2FAB8F



AB2F4B

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.



DD7D7E



2FAB8F



BE85C4

Square

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



2FAB8F



4D9FE0



D87CA2



B69450

Rectangle

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



2FAB8F



00A9C9



D87CA2



D78369

Sweetspot

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



2FAB8F



ADDED3



4CAB2F



53706A



F0F0F0



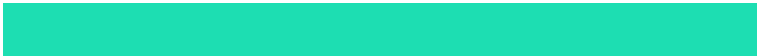
707070

Same Dimension

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



2FAB8F



1DDEB2



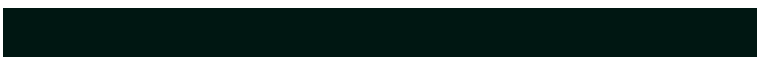
2F8AAB



4E5755



009674



001712

Inverse Universe

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



AB2F4B



DE1D48



AB502F



574E50



960022



170005

Previews

White Background



This preview shows how the Hex color 2FAB8F looks on a white background.

Color Contrast Check

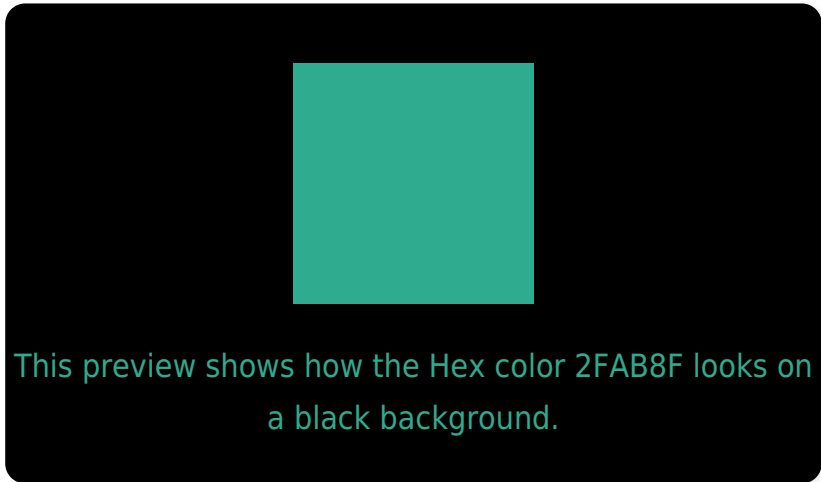
Large Text (above 18pt) WCAG AA × Fail

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

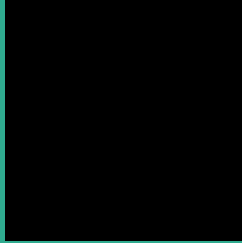
Any Text WCAG AA ✓ Pass

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 2FAB8F Background



This preview shows how black text looks on a background with the Hex color 2FAB8F.

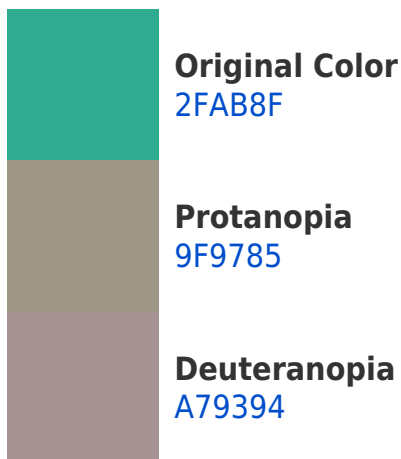


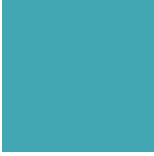
This preview shows how white text looks on a background with the Hex color 2FAB8F.

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](#).

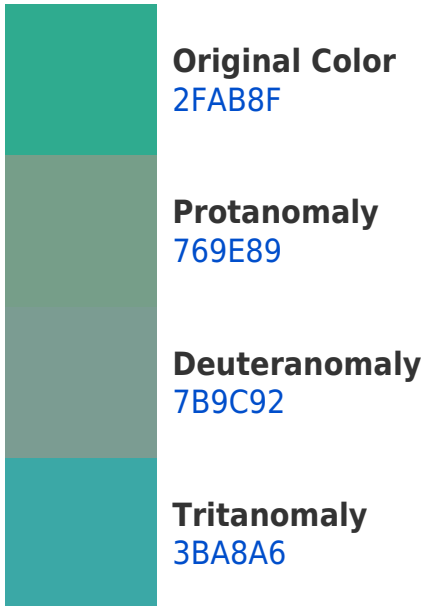
Dichromacy



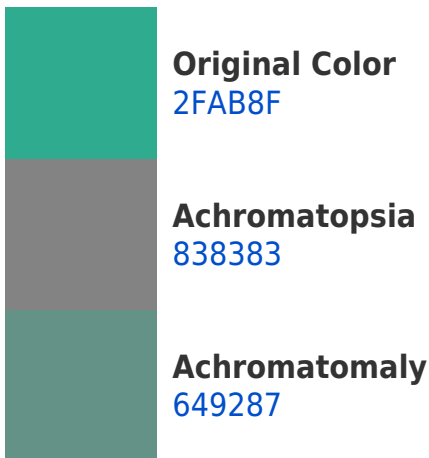


Tritanopia
42A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FAB8F 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 #2FAB8F looks like.

```
.text, #text, p{  
    color:#2FAB8F  
}
```

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 #2FAB8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FAB8F
}
```

Border

The CSS property to change the border of an element to Hex 2FAB8F 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
#2FAB8F }
```

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

```
.border{ border-color:#2FAB8F }
```

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

Here you see how a box with a 4 pixel #2FAB8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FAB8F; -webkit-box-shadow:4px 4px  
4px 4px #2FAB8F; box-shadow:4px 4px 4px  
4px #2FAB8F }
```

Background

The CSS property to change the background color of an element to Hex 2FAB8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FAB8F }
```

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

```
.background{ background-color:#2FAB8F }
```

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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