

Converting Colors

Hex(2FA686)

Have a look what the booklet for
Hex(2FA686) contains.

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Color

Hex(2FA686)

Conversions

Conversions Part 1

Format	Color
Hex	2FA686
RGB	47, 166, 134
RGB Percent	18%, 65%, 53%
CMY	0.8157, 0.3490, 0.4745
CMYK	0.72, 0.00, 0.19, 0.35
HSL	164°, 56%, 42%
HSV	164°, 72%, 65%
XYZ	19.1116, 29.5980, 27.2600
YIQ	126.7710, -60.6520, -35.1800

Conversions

Conversions Part 2

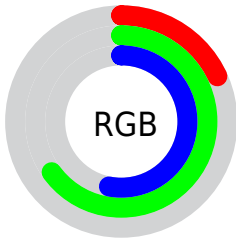
Format	Color
RYB	47, 116, 166
Decimal	3122822
CIELab	61.31, -40.29, 7.23
CIElCh	61, 40.934, 169.822
Yxy	29.5980, 0.2516, 0.3896
Android (android.graphics.Color)	4281312902 (0xFF2FA686)
YUV	126.7710, 3.5639, -69.9592
Hunter-Lab	54.4040, -32.5019, 8.3747

Details

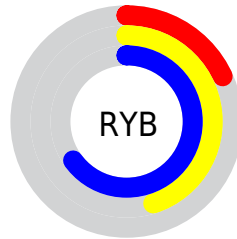
The Hex color **2FA686** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A62F4F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6EDEBB**, and **007154** is the 20% darker color. If you saturate the color by 10%, you get **1EA682**, and if you desaturate by 10%, it is **40A68A**.

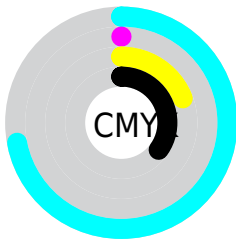
Distribution



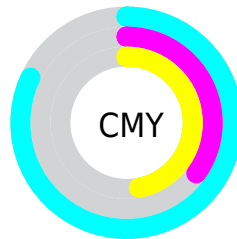
- Red (18%)
- Green (65%)
- Blue (53%)



- Red (18%)
- Yellow (45%)
- Blue (65%)



- Cyan (72%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (82%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FA686 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 2FA686 by changing the saturation by 10% instead.

 2FA686

 2FA686

FFFFFF

 008B6D

 6EDEBB

 007154

 8BFBD7

 00583D

 A8FFF3

 004027

 C5FFFF

 002A13

 E3FFFF

 000900

 000000

 2FA686

 2FA686

 1EA682

 40A68A

0EA67D

50A68F

00A679

61A693

71A698

82A69C

93A6A1

A3A6A5

B4A6AA

C4A6AE

Harmonies

Analogous

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



69A264



2FA686



00A7AB

Triad

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



2FA686



848FD8



CE815E

Complementary

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



2FA686



A62F4F

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.



D9787D



2FA686



B582C3

Square

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



2FA686



3B9BDB



D178A2



B58E4C

Rectangle

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



2FA686



00A5C1



D178A2



D47D67

Sweetspot

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



2FA686



A9D9CC



51A62F



516E66



EDEDED



6E6E6E

Same Dimension

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



2FA686



1ED9A7



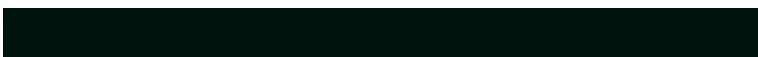
2F8CA6



4C5452



00946C



00140F

Inverse Universe

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



A62F4F



D91E50



A6492F



544C4E



940028



140005

Previews

White Background



This preview shows how the Hex color 2FA686 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

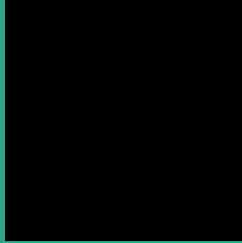
Any Text WCAG AA ✓ Pass

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 2FA686 Background



This preview shows how black text looks on a background with the Hex color 2FA686.

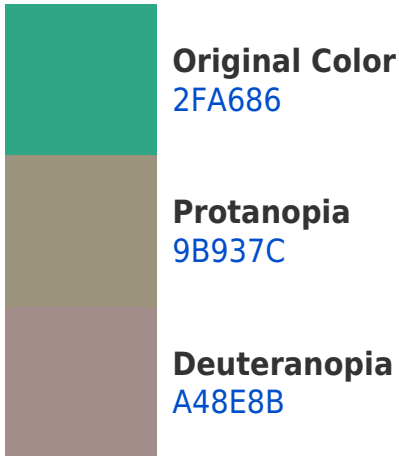


This preview shows how white text looks on a background with the Hex color 2FA686.

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
42A1AE

Trichromacy



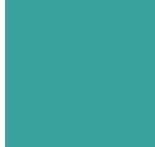
Original Color
2FA686



Protanomaly
749A80



Deuteranomaly
799789



Tritanomaly
3BA39F

Monochromacy



Original Color
2FA686



Achromatopsia
7F7F7F



Achromatomaly
628D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FA686 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 #2FA686 looks like.

```
.text, #text, p{  
    color:#2FA686  
}
```

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 #2FA686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FA686
}
```

Border

The CSS property to change the border of an element to Hex 2FA686 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
#2FA686 }
```

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

```
.border{ border-color:#2FA686 }
```

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

Here you see how a box with a 4 pixel #2FA686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FA686; -webkit-box-shadow:4px 4px  
4px 4px #2FA686; box-shadow:4px 4px 4px  
4px #2FA686 }
```

Background

The CSS property to change the background color of an element to Hex 2FA686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FA686 }
```

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

```
.background{ background-color:#2FA686 }
```

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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