

Converting Colors

Hex(2FA284)

Have a look what the booklet for
Hex(2FA284) contains.

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Color

Hex(2FA284)

Conversions

Conversions Part 1

Format	Color
Hex	2FA284
RGB	47, 162, 132
RGB Percent	18%, 64%, 52%
CMY	0.8157, 0.3647, 0.4824
CMYK	0.71, 0.00, 0.19, 0.36
HSL	164°, 55%, 41%
HSV	164°, 71%, 64%
XYZ	18.2575, 28.1109, 26.2935
YIQ	124.1950, -58.9100, -33.7100

Conversions

Conversions Part 2

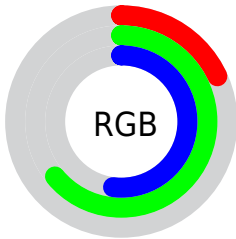
Format	Color
RYB	47, 113, 162
Decimal	3121796
CIELab	59.99, -39.04, 6.47
CIElCh	60, 39.576, 170.590
Yxy	28.1109, 0.2513, 0.3869
Android (android.graphics.Color)	4281311876 (0xFF2FA284)
YUV	124.1950, 3.8479, -67.7000
Hunter-Lab	53.0198, -31.3177, 7.7108

Details

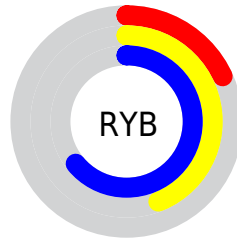
The Hex color **2FA284** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A22F4D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6DDAB9**, and **006D53** is the 20% darker color. If you saturate the color by 10%, you get **1FA280**, and if you desaturate by 10%, it is **3FA288**.

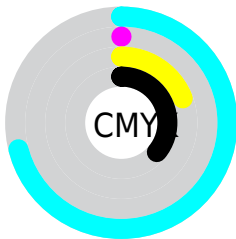
Distribution



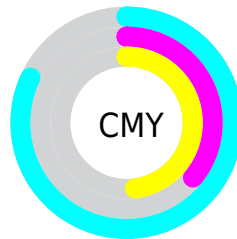
- Red (18%)
- Green (64%)
- Blue (52%)



- Red (18%)
- Yellow (44%)
- Blue (64%)



- Cyan (71%)
- Magenta (0%)
- Yellow (19%)
- Black (36%)



- Cyan (82%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FA284 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 2FA284 by changing the saturation by 10% instead.

 2FA284

 2FA284

FFFFFF

 00876B

 6DDAB9

 006D53

 8AF6D5

 00543C

 A7FFF1

 003C26

 C4FFFF

 002711

 E1FFFF

 000000

 2FA284

 2FA284

 1FA280

 3FA288

 0FA27C

 4FA28C

00A278

60A291

70A295

80A299

90A29D

A0A2A2

B1A2A6

C1A2AA

Harmonies

Analogous

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



669E63



2FA284



00A3A8

Triad

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



2FA284



838CD2



C87E5C

Complementary

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



2FA284



A22F4D

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.



D3757A



2FA284



B17FBD

Square

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



2FA284



3F97D5



CC759D



B08B4B

Rectangle

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



2FA284



00A1BD



CC759D



CE7B65

Sweetspot

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



2FA284



A7D4C8



4EA22F



506B64



EBEBEB



6B6B6B

Same Dimension

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



2FA284



20D4A5



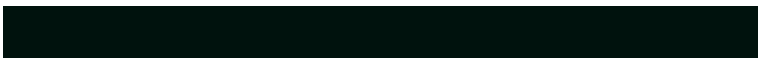
2F87A2



49524F



00916B



00120D

Inverse Universe

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



A22F4D



D4204F



A24A2F



52494C



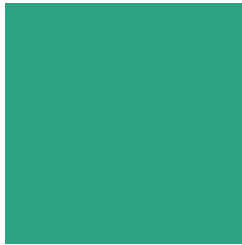
910026



120005

Previews

White Background



This preview shows how the Hex color 2FA284 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

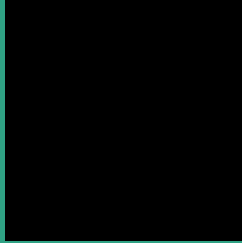
Any Text WCAG AA ✓ Pass

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 2FA284 Background



This preview shows how black text looks on a background with the Hex color 2FA284.

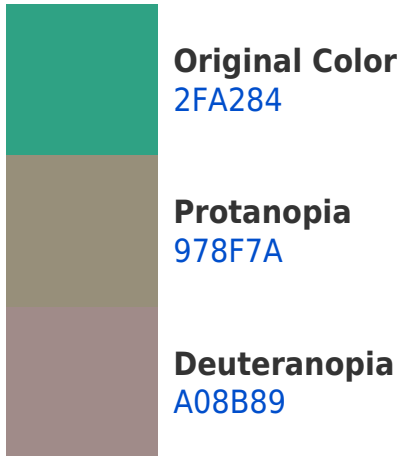


This preview shows how white text looks on a background with the Hex color 2FA284.

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
419DAA

Trichromacy



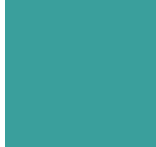
Original Color
2FA284



Protanomaly
71967E



Deuteranomaly
779387



Tritanomaly
3A9F9C

Monochromacy



Original Color
2FA284



Achromatopsia
7C7C7C



Achromatomaly
608A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FA284 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 #2FA284 looks like.

```
.text, #text, p{  
    color:#2FA284  
}
```

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 #2FA284 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FA284
}
```

Border

The CSS property to change the border of an element to Hex 2FA284 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
#2FA284 }
```

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

```
.border{ border-color:#2FA284 }
```

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

Here you see how a box with a 4 pixel #2FA284 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FA284; -webkit-box-shadow:4px 4px  
4px 4px #2FA284; box-shadow:4px 4px 4px  
4px #2FA284 }
```

Background

The CSS property to change the background color of an element to Hex 2FA284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FA284 }
```

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

```
.background{ background-color:#2FA284 }
```

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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