

Converting Colors

Hex(2BAF8C)

Have a look what the booklet for
Hex(2BAF8C) contains.

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Color

Hex(2BAF8C)

Conversions

Conversions Part 1

Format	Color
Hex	2BAF8C
RGB	43, 175, 140
RGB Percent	17%, 69%, 55%
CMY	0.8314, 0.3137, 0.4510
CMYK	0.75, 0.00, 0.20, 0.31
HSL	164°, 61%, 43%
HSV	164°, 75%, 69%
XYZ	21.0599, 33.0670, 30.0835
YIQ	131.5420, -67.4370, -38.8690

Conversions

Conversions Part 2

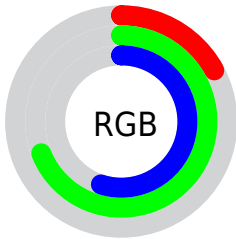
Format	Color
RYB	43, 119, 175
Decimal	2862988
CIELab	64.22, -43.20, 8.04
CIELCh	64, 43.938, 169.457
Yxy	33.0670, 0.2501, 0.3927
Android (android.graphics.Color)	4281053068 (0xFF2BAF8C)
YUV	131.5420, 4.1698, -77.6513
Hunter-Lab	57.5039, -35.2591, 9.2348

Details

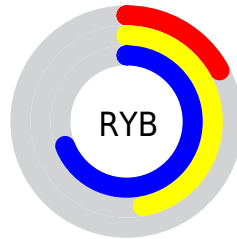
The Hex color **2BAF8C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF2B4E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6DE7C2**, and **00795A** is the 20% darker color. If you saturate the color by 10%, you get **1AAF87**, and if you desaturate by 10%, it is **3DAF91**.

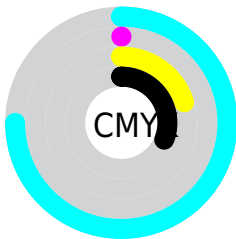
Distribution



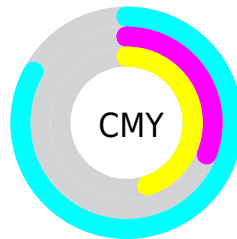
- Red (17%)
- Green (69%)
- Blue (55%)



- Red (17%)
- Yellow (47%)
- Blue (69%)



- Cyan (75%)
- Magenta (0%)
- Yellow (20%)
- Black (31%)



- Cyan (83%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BAF8C 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 2BAF8C by changing the saturation by 10% instead.

 2BAF8C

 2BAF8C

FFFFFF

 009472

 6DE7C2

 00795A

 8BFFDD

 006043

 A8FFFA

 00472C

 C6FFFF

 003018

 E4FFFF

 001700

 000000

 2BAF8C

 2BAF8C

 1AAF87

 3DAF91

08AF83

4EAF95

00AF81

60AF9A

71AF9F

83AFA3

94AFA8

A6AFAC

B7AFB1

C9AFB6

Harmonies

Analogous

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



6DAA67



2BAF8C



00B0B4

Triad

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



2BAF8C



8997E6



DB8762

Complementary

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



2BAF8C



AF2B4E

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.



E67D84



2BAF8C



BF88CF

Square

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



2BAF8C



35A4E8



DE7DAB



C0954D

Rectangle

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



2BAF8C



00AECC



DE7DAB



E0826C

Sweetspot

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



2BAF8C



AFE3D5



4EAF2B



53736A



F2F2F2



737373

Same Dimension

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



2BAF8C



14E3AC



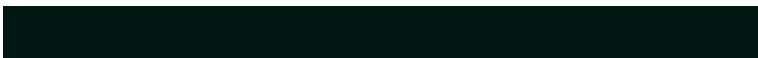
2B90AF



4E5754



00966F



001711

Inverse Universe

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



AF2B4E



E3144B



AF4A2B



574E50



960028



170006

Previews

White Background



This preview shows how the Hex color 2BAF8C looks on a white background.

Color Contrast Check

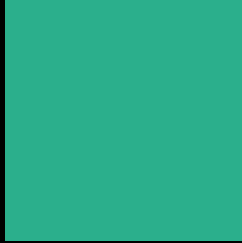
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2BAF8C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

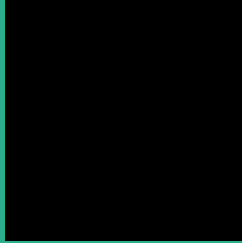
Any Text WCAG AA ✓ Pass

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 2BAF8C Background



This preview shows how black text looks on a background with the Hex color 2BAF8C.

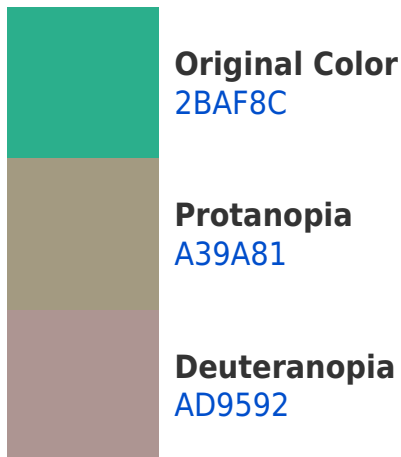


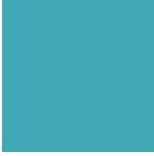
This preview shows how white text looks on a background with the Hex color 2BAF8C.

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
42A9B7

Trichromacy



Original Color
2BAF8C



Protanomaly
77A285



Deuteranomaly
7E9E90



Tritanomaly
3AABA7

Monochromacy



Original Color
2BAF8C



Achromatopsia
848484



Achromatomaly
649487

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BAF8C 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 #2BAF8C looks like.

```
.text, #text, p{  
    color:#2BAF8C  
}
```

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 #2BAF8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BAF8C
}
```

Border

The CSS property to change the border of an element to Hex 2BAF8C 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
#2BAF8C }
```

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

```
.border{ border-color:#2BAF8C }
```

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

Here you see how a box with a 4 pixel #2BAF8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BAF8C; -webkit-box-shadow:4px 4px  
4px 4px #2BAF8C; box-shadow:4px 4px 4px  
4px #2BAF8C }
```

Background

The CSS property to change the background color of an element to Hex 2BAF8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BAF8C }
```

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

```
.background{ background-color:#2BAF8C }
```

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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