

Converting Colors

Hex(2ABC92)

Have a look what the booklet for
Hex(2ABC92) contains.

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Color

Hex(2ABC92)

Conversions

Conversions Part 1

Format	Color
Hex	2ABC92
RGB	42, 188, 146
RGB Percent	16%, 74%, 57%
CMY	0.8353, 0.2627, 0.4275
CMYK	0.78, 0.00, 0.22, 0.26
HSL	163°, 63%, 45%
HSV	163°, 78%, 74%
XYZ	24.1264, 38.5340, 33.3603
YIQ	139.5580, -73.5340, -44.0140

Conversions

Conversions Part 2

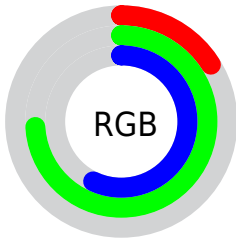
Format	Color
RYB	42, 127, 188
Decimal	2800786
CIELab	68.41, -47.26, 10.71
CIElCh	68, 48.461, 167.234
Yxy	38.5340, 0.2513, 0.4013
Android (android.graphics.Color)	4280990866 (0xFF2ABC92)
YUV	139.5580, 3.1759, -85.5584
Hunter-Lab	62.0758, -39.2568, 11.5898

Details

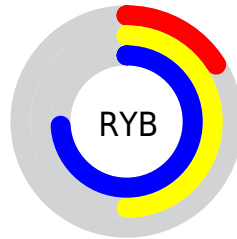
The Hex color **2ABC92** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BC2A54**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6FF5C8**, and **00865F** is the 20% darker color. If you saturate the color by 10%, you get **17BC8D**, and if you desaturate by 10%, it is **3DBC97**.

Distribution



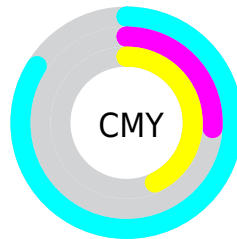
- Red (16%)
- Green (74%)
- Blue (57%)



- Red (16%)
- Yellow (50%)
- Blue (74%)



- Cyan (78%)
- Magenta (0%)
- Yellow (22%)
- Black (26%)



- Cyan (84%)
- Magenta (26%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ABC92 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 2ABC92 by changing the saturation by 10% instead.

 2ABC92

 2ABC92

FFFFFF

 00A078

 6FF5C8

 00865F

 8EF FE4

 006B48

 ACFFFF

 005231

 CAFFFF

 003A1C

 E8FFFF

 002403

 000000

 2ABC92

 2ABC92

 17BC8D

 3DBC97

■ 04BC87

■ 50BC9D

■ 00BC86

■ 62BCA2

■ 75BCA8

■ 88BCAD

■ 9BBCB2

■ AEBCB8

■ C0BCBD

■ D3BCC3

Harmonies

Analogous

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



76B669



2ABC92



00BDBF

Triad

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



2ABC92



8CA3FA



EE8E68

Complementary

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



2ABC92



BC2A54

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.



FA838F



2ABC92



CA92E3

Square

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



2ABC92



13B1FC



EF84BB



D19E50

Rectangle

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



2ABC92



00BBDB



EF84BB



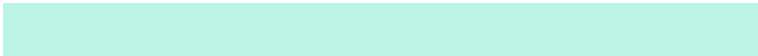
F48974

Sweetspot

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



2ABC92



BCF5E5



56BC2A



587A71



FAFAFA



7A7A7A

Same Dimension

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



2ABC92



11F5B3



2A9FBC



555E5C



009E71



001F16

Inverse Universe

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



BC2A54



F51153



BC472A



5E5558



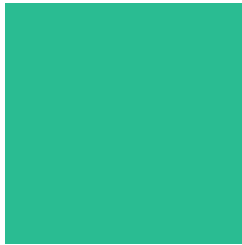
9E002D



1F0009

Previews

White Background



This preview shows how the Hex color 2ABC92 looks on a white background.

Color Contrast Check

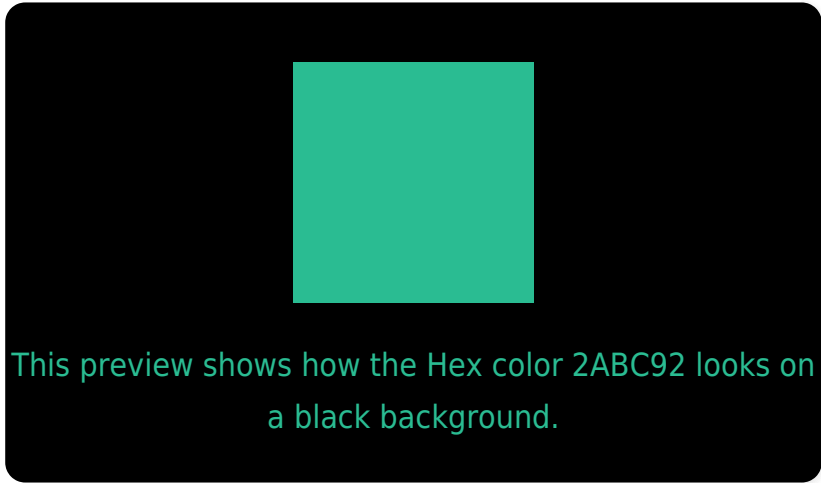
Large Text (above 18pt) WCAG AA × Fail

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

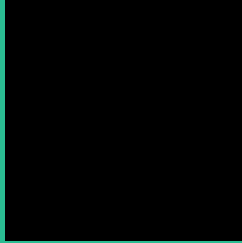
Any Text WCAG AA ✓ Pass

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 2ABC92 Background



This preview shows how black text looks on a background with the Hex color 2ABC92.

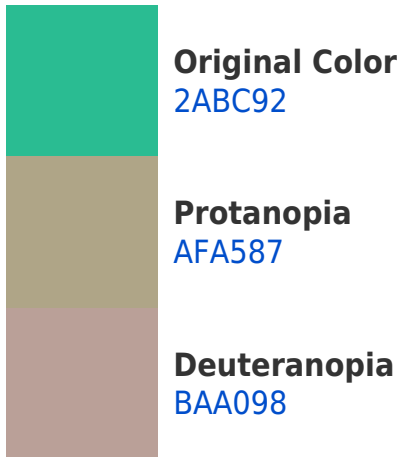


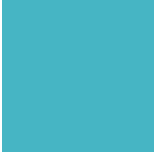
This preview shows how white text looks on a background with the Hex color 2ABC92.

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](#).

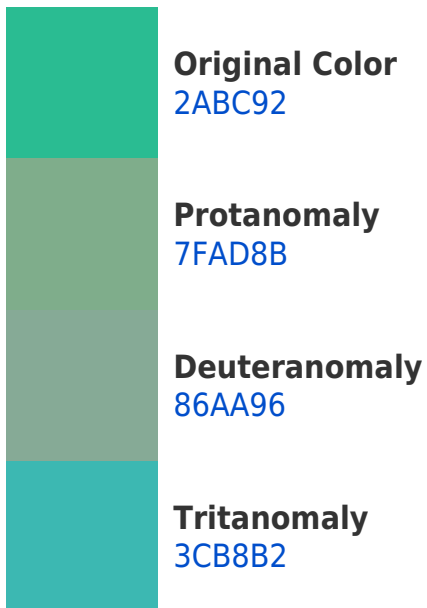
Dichromacy



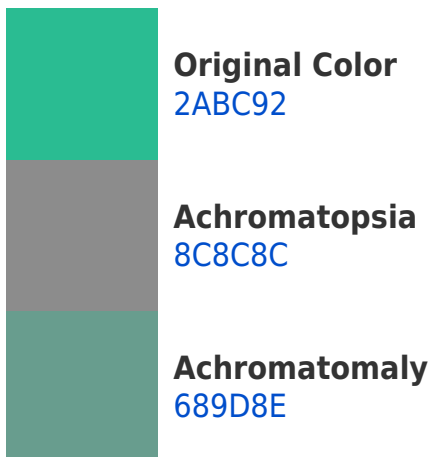


Tritanopia
46B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2ABC92 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 #2ABC92 looks like.

```
.text, #text, p{  
    color:#2ABC92  
}
```

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 #2ABC92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ABC92
}
```

Border

The CSS property to change the border of an element to Hex 2ABC92 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
#2ABC92 }
```

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

```
.border{ border-color:#2ABC92 }
```

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

Here you see how a box with a 4 pixel #2ABC92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ABC92; -webkit-box-shadow:4px 4px  
4px 4px #2ABC92; box-shadow:4px 4px 4px  
4px #2ABC92 }
```

Background

The CSS property to change the background color of an element to Hex 2ABC92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ABC92 }
```

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

```
.background{ background-color:#2ABC92 }
```

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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