

Converting Colors

Hex(2BAE7C)

Have a look what the booklet for
Hex(2BAE7C) contains.

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Color

Hex(2BAE7C)

Conversions

Conversions Part 1

Format	Color
Hex	2BAE7C
RGB	43, 174, 124
RGB Percent	17%, 68%, 49%
CMY	0.8314, 0.3176, 0.5137
CMYK	0.75, 0.00, 0.29, 0.32
HSL	157°, 60%, 43%
HSV	157°, 75%, 68%
XYZ	19.7704, 32.2409, 24.2499
YIQ	129.1310, -62.0260, -43.3220

Conversions

Conversions Part 2

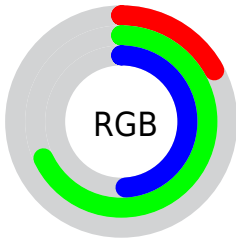
Format	Color
RYB	43, 124, 174
Decimal	2862716
CIELab	63.54, -46.60, 15.91
CIELCh	64, 49.240, 161.149
Yxy	32.2409, 0.2592, 0.4228
Android (android.graphics.Color)	4281052796 (0xFF2BAE7C)
YUV	129.1310, -2.5296, -75.5369
Hunter-Lab	56.7811, -37.2157, 14.4254

Details

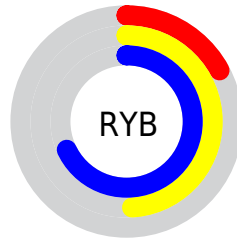
The Hex color **2BAE7C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AE2B5D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6CE6B1**, and **00784B** is the 20% darker color. If you saturate the color by 10%, you get **1AAE75**, and if you desaturate by 10%, it is **3CAE83**.

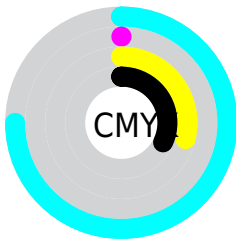
Distribution



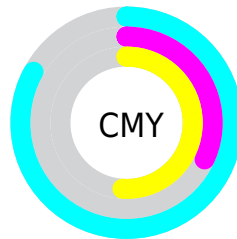
- Red (17%)
- Green (68%)
- Blue (49%)



- Red (17%)
- Yellow (49%)
- Blue (68%)



- Cyan (75%)
- Magenta (0%)
- Yellow (29%)
- Black (32%)



- Cyan (83%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BAE7C 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 2BAE7C by changing the saturation by 10% instead.

 2BAE7C

 2BAE7C

FFFFFF

 009363

 6CE6B1

 00784B


 8AFFCC

 005F34

 A7FFE8

 00461E

 C5FFFF

 002F08

 E2FFFF

 001500

 000000

 2BAE7C

 2BAE7C

 1AAE75

 3CAE83

 08AE6F

 4EAE89

 00AE6C

 5FAE90

 71AE97

 82AE9D

 93AEA4

 A5AEAA

 B6AEB1

 C8AEB8

Harmonies

Analogous

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



74A855



2BAE7C



00B0A9

Triad

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



2BAE7C



6C99F0



E47E62

Complementary

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



2BAE7C



AE2B5D

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.



EC748B



2BAE7C



B288DC

Square

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



2BAE7C



00A6EC



DC79B7



CA8E46

Rectangle

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



2BAE7C



00AFC6



DC79B7



E9796F

Sweetspot

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



2BAE7C



AFE3CF



5DAE2B



537366



F2F2F2



737373

Same Dimension

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



2BAE7C



17E395



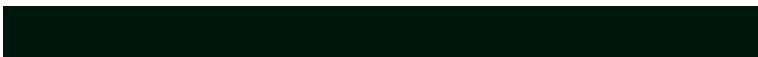
2B9FAE



4E5753



00965D



00170E

Inverse Universe

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



AE2B5D



E31765



AE3A2B



574E51



960039



170009

Previews

White Background



This preview shows how the Hex color 2BAE7C looks on a white background.

Color Contrast Check

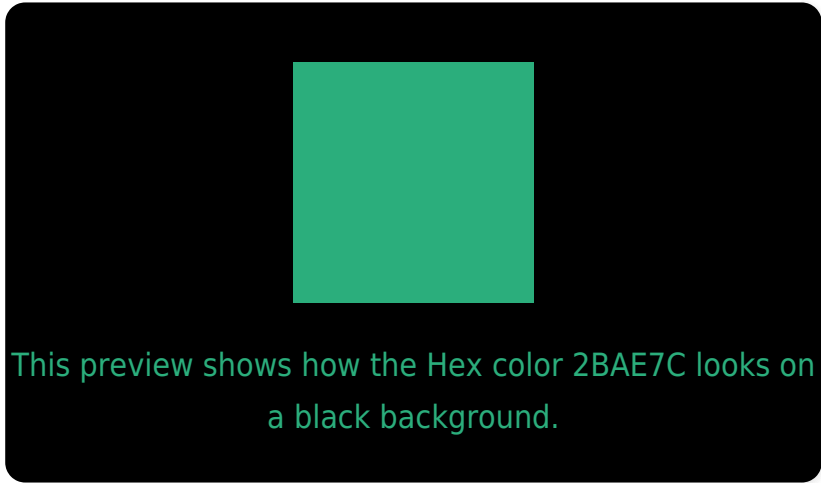
Large Text (above 18pt) WCAG AA × Fail

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

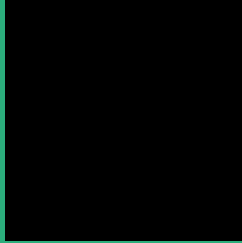
Any Text WCAG AA ✓ Pass

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 2BAE7C Background



This preview shows how black text looks on a background with the Hex color 2BAE7C.

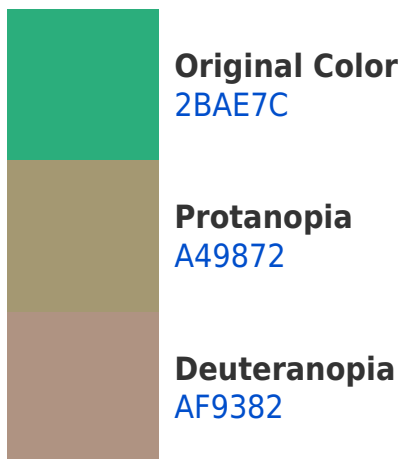


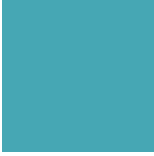
This preview shows how white text looks on a background with the Hex color 2BAE7C.

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
46A7B4

Trichromacy



Original Color
2BAE7C



Protanomaly
78A076



Deuteranomaly
7F9D80



Tritanomaly
3CAAA0

Monochromacy



Original Color
2BAE7C



Achromatopsia
818181



Achromatomaly
62917F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BAE7C 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 #2BAE7C looks like.

```
.text, #text, p{  
    color:#2BAE7C  
}
```

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 #2BAE7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BAE7C
}
```

Border

The CSS property to change the border of an element to Hex 2BAE7C 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
#2BAE7C }
```

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

```
.border{ border-color:#2BAE7C }
```

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

Here you see how a box with a 4 pixel #2BAE7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BAE7C; -webkit-box-shadow:4px 4px  
4px 4px #2BAE7C; box-shadow:4px 4px 4px  
4px #2BAE7C }
```

Background

The CSS property to change the background color of an element to Hex 2BAE7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BAE7C }
```

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

```
.background{ background-color:#2BAE7C }
```

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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