

Converting Colors

Hex(2ABA74)

Have a look what the booklet for
Hex(2ABA74) contains.

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Color

Hex(2ABA74)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2ABA74 |
| RGB | 42, 186, 116 |
| RGB Percent | 16%, 73%, 45% |
| CMY | 0.8353, 0.2706, 0.5451 |
| CMYK | 0.77, 0.00, 0.38, 0.27 |
| HSL | 151°, 63%, 45% |
| HSV | 151°, 77%, 73% |
| XYZ | 21.6661, 36.8710, 22.4979 |
| YIQ | 134.9640, -63.3540, -52.2980 |

Conversions

Conversions Part 2

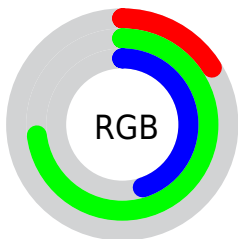
| Format | Color |
|-------------------------------------|--|
| RYB | 42, 137, 186 |
| Decimal | 2800244 |
| CIELab | 67.18, -53.10, 25.18 |
| CIELCh | 67, 58.767, 154.634 |
| Yxy | 36.8710, 0.2674, 0.4550 |
| Android (android.graphics.Color) | 4280990324 (0xFF2ABA74) |
| YUV | 134.9640, -9.3493, -81.5294 |
| Hunter-Lab | 60.7215, -42.5718, 20.5375 |

Details

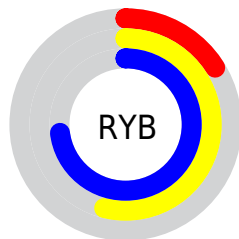
The Hex color **2ABA74** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BA2A70**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6EF3A9**, and **008343** is the 20% darker color. If you saturate the color by 10%, you get **17BA6B**, and if you desaturate by 10%, it is **3DBA7D**.

Distribution



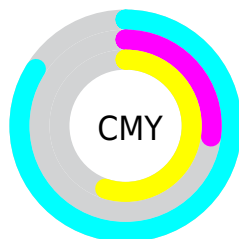
- Red (16%)
- Green (73%)
- Blue (45%)



- Red (16%)
- Yellow (54%)
- Blue (73%)



- Cyan (77%)
- Magenta (0%)
- Yellow (38%)
- Black (27%)



- Cyan (84%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ABA74 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 2ABA74 by changing the saturation by 10% instead.

 2ABA74

 2ABA74

FFFFFF

 009E5B

 6EF3A9

 008343

 8CFFC4

 00692C

 AAFFE0

 005015

 C8FFFD

 003800

 E6FFFF

 002100

 000000

 2ABA74

 2ABA74

 17BA6B

 3DBA7D

■ 05BA62

■ 4FBA86

■ 00BA60

■ 62BA8F

■ 74BA98

■ 87BAA1

■ 9ABAAA

■ ACBAB3

■ BFBABC

■ D1BAC5

Harmonies

Analogous

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



82B247



2ABA74



00BDAA

Triad

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



2ABA74



43A7FF



FF7C6A

Complementary

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



2ABA74



BA2A70

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.



FF739D



2ABA74



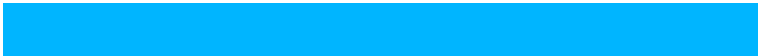
B192FB

Square

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



2ABA74



00B5FF



EA7DD2



E49042

Rectangle

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



2ABA74



00BDCE



EA7DD2



FF777A

Sweetspot

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



2ABA74



BBF2D7



72BA2A



587A6A



FAFAFA



7A7A7A

Same Dimension

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



2ABA74



11F285



2ABABA



535C57



009C50



001C0E

Inverse Universe

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



BA2A70



F2117E



BA2A2A



5C5357



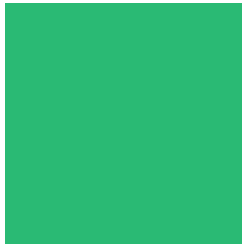
9C004C



1C000E

Previews

White Background



This preview shows how the Hex color 2ABA74 looks on a white background.

Color Contrast Check

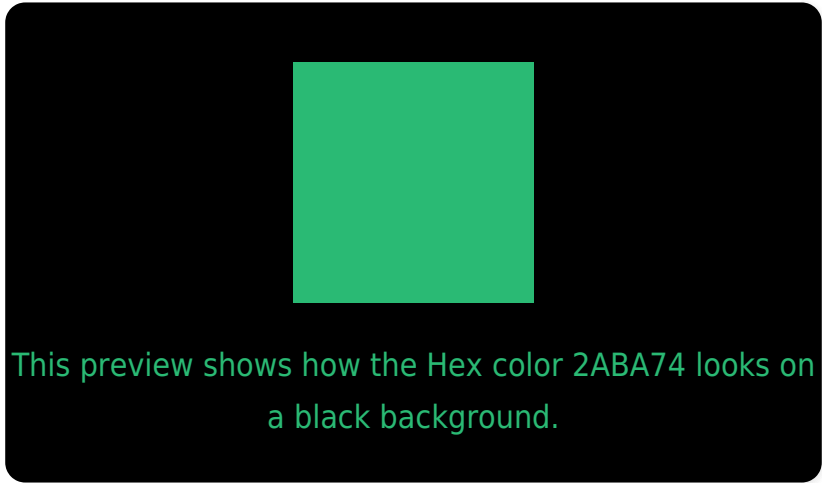
Large Text (above 18pt) WCAG AA × Fail

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 2ABA74 Background



This preview shows how black text looks on a background with the Hex color 2ABA74.

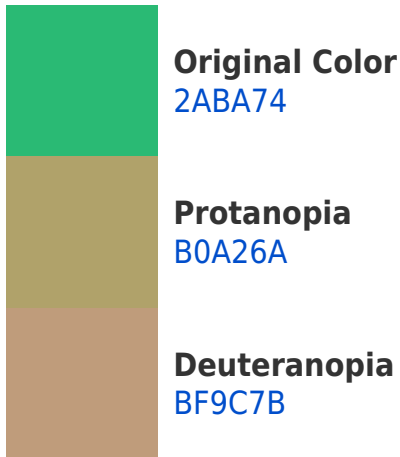


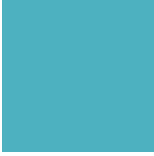
This preview shows how white text looks on a background with the Hex color 2ABA74.

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](#).

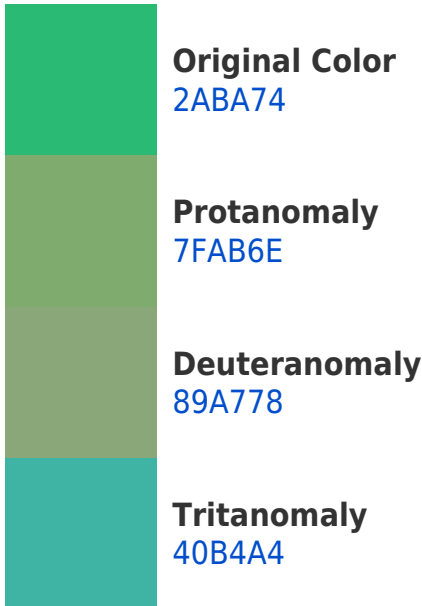
Dichromacy



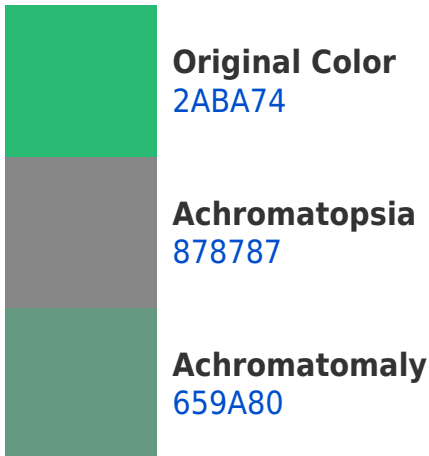


Tritanopia
4DB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2ABA74 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 #2ABA74 looks like.

```
.text, #text, p{  
    color:#2ABA74  
}
```

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 #2ABA74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ABA74
}
```

Border

The CSS property to change the border of an element to Hex 2ABA74 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
#2ABA74 }
```

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

```
.border{ border-color:#2ABA74 }
```

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

Here you see how a box with a 4 pixel #2ABA74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ABA74; -webkit-box-shadow:4px 4px  
4px 4px #2ABA74; box-shadow:4px 4px 4px  
4px #2ABA74 }
```

Background

The CSS property to change the background color of an element to Hex 2ABA74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ABA74 }
```

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

```
.background{ background-color:#2ABA74 }
```

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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