

Converting Colors

Hex(2ABB47)

Have a look what the booklet for
Hex(2ABB47) contains.

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Color

Hex(2ABB47)

Conversions

Conversions Part 1

Format	Color
Hex	2ABB47
RGB	42, 187, 71
RGB Percent	16%, 73%, 28%
CMY	0.8353, 0.2667, 0.7216
CMYK	0.78, 0.00, 0.62, 0.27
HSL	132°, 63%, 45%
HSV	132°, 78%, 73%
XYZ	19.8625, 36.4878, 11.9572
YIQ	130.4210, -49.1840, -66.8160

Conversions

Conversions Part 2

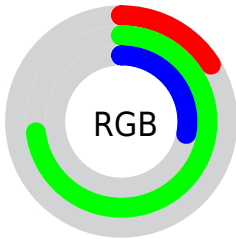
Format	Color
RYB	42, 163, 187
Decimal	2800455
CIELab	66.89, -60.58, 47.14
CIELCh	67, 76.758, 142.110
Yxy	36.4878, 0.2908, 0.5342
Android (android.graphics.Color)	4280990535 (0xFF2ABB47)
YUV	130.4210, -29.2946, -77.5452
Hunter-Lab	60.4051, -47.0144, 30.5471

Details

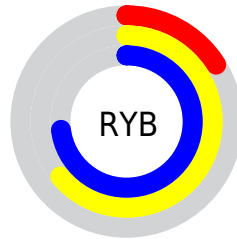
The Hex color **2ABB47** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BB2A9E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **70F47B**, and **00840E** is the 20% darker color. If you saturate the color by 10%, you get **17BB38**, and if you desaturate by 10%, it is **3DDB56**.

Distribution



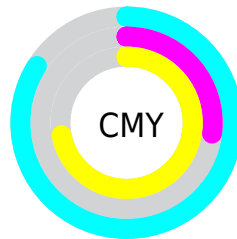
- Red (16%)
- Green (73%)
- Blue (28%)



- Red (16%)
- Yellow (64%)
- Blue (73%)



- Cyan (78%)
- Magenta (0%)
- Yellow (62%)
- Black (27%)



- Cyan (84%)
- Magenta (27%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ABB47 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 2ABB47 by changing the saturation by 10% instead.



2ABB47



2ABB47

FFFFFF



009F2D



70F47B



00840E



8EFF96



006A00



ACFFB2



005000



CAFFCE



003800



E8FFEB



002000



000000



2ABB47



2ABB47



17BB38



3DDB56

 05BB29

 4FBB65

 00BB25

 62BB74

 75BB83

 88BB92

 9ABBA1

 ADBBB0

 C0BBBF

 D2BBCE

Harmonies

Analogous

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



92AE00



2ABB47



00C18E

Triad

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



2ABB47



00B0FF



FF5F73

Complementary

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



2ABB47



BB2A9E

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.



FF5BB8



2ABB47



7A98FF

Square

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



2ABB47



00BEFF



E377F9



FF7C34

Rectangle

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



2ABB47



00C2BE



E377F9



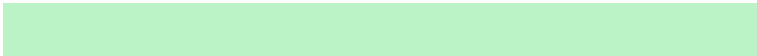
FF598A

Sweetspot

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



2ABB47



BBF2C6



9EBB2A



587A5F



FAFAFA



7A7A7A

Same Dimension

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



2ABB47



11F23E



2ABB90



555E57



009E20



001F06

Inverse Universe

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



BB2A9E



F211C5



BB2A56



5E555C



9E007E



1F0018

Previews

White Background



This preview shows how the Hex color 2ABB47 looks on a white background.

Color Contrast Check

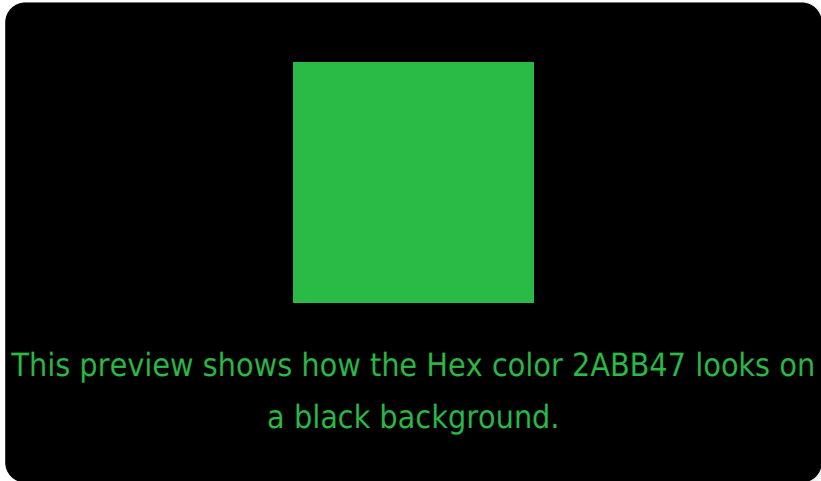
Large Text (above 18pt) WCAG AA × Fail

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 2ABB47 Background



This preview shows how black text looks on a background with the Hex color 2ABB47.

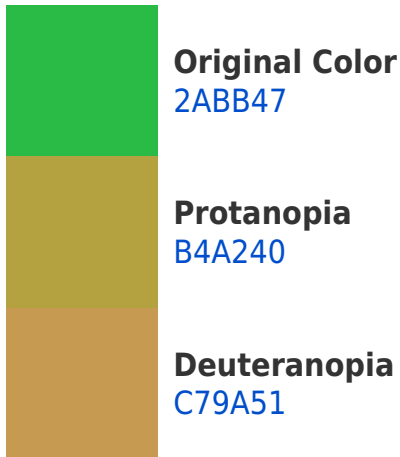


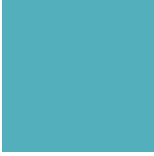
This preview shows how white text looks on a background with the Hex color 2ABB47.

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](#).

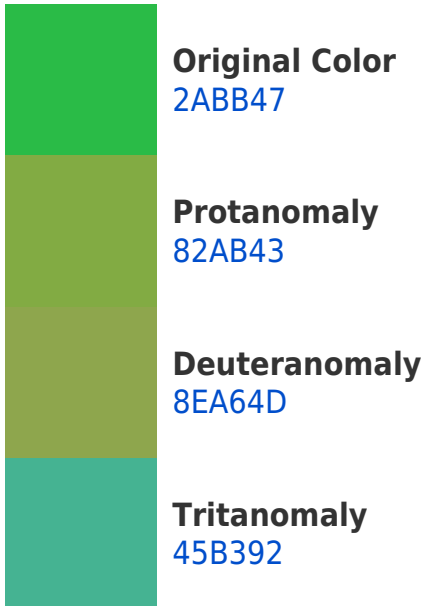
Dichromacy



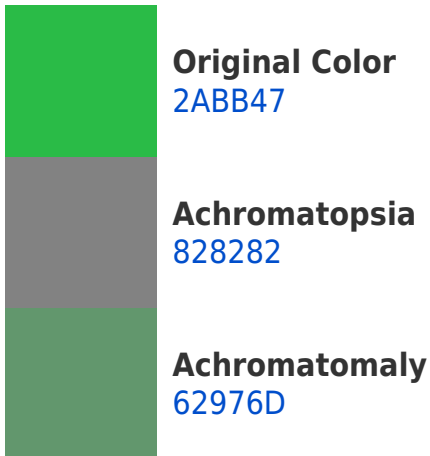


Tritanopia
54AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2ABB47 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 #2ABB47 looks like.

```
.text, #text, p{  
    color:#2ABB47  
}
```

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 #2ABB47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ABB47
}
```

Border

The CSS property to change the border of an element to Hex 2ABB47 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
#2ABB47 }
```

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

```
.border{ border-color:#2ABB47 }
```

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

Here you see how a box with a 4 pixel #2ABB47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ABB47; -webkit-box-shadow:4px 4px  
4px 4px #2ABB47; box-shadow:4px 4px 4px  
4px #2ABB47 }
```

Background

The CSS property to change the background color of an element to Hex 2ABB47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ABB47 }
```

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

```
.background{ background-color:#2ABB47 }
```

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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