

# Converting Colors

Hex(2BAC64)

Have a look what the booklet for  
Hex(2BAC64) contains.

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# Color

Hex(2BAC64)

# Conversions

## Conversions Part 1

Format	Color
Hex	2BAC64
RGB	43, 172, 100
RGB Percent	17%, 67%, 39%
CMY	0.8314, 0.3255, 0.6078
CMYK	0.75, 0.00, 0.42, 0.33
HSL	147°, 60%, 42%
HSV	147°, 75%, 67%
XYZ	18.0490, 30.9387, 17.0771
YIQ	125.2210, -53.7720, -49.7400

# Conversions

## Conversions Part 2

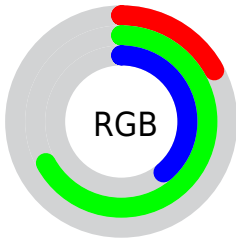
Format	Color
<a href="#">RYB</a>	<a href="#">43, 132, 172</a>
Decimal	<a href="#">2862180</a>
CIELab	<a href="#">62.46, -50.78, 27.41</a>
CIELCh	<a href="#">62, 57.706, 151.639</a>
Yxy	<a href="#">30.9387, 0.2732, 0.4683</a>
Android (android.graphics.Color)	<a href="#">4281052260 (0xFF2BAC64)</a>
YUV	<a href="#">125.2210, -12.4340, -72.1078</a>
Hunter-Lab	<a href="#">55.6226, -39.4179, 20.7328</a>

# Details

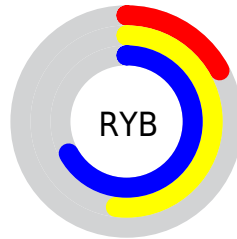
The Hex color **2BAC64** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC2B73**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6CE498**, and **007634** is the 20% darker color. If you saturate the color by 10%, you get **1AAC5A**, and if you desaturate by 10%, it is **3CAC6E**.

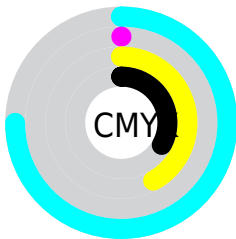
# Distribution



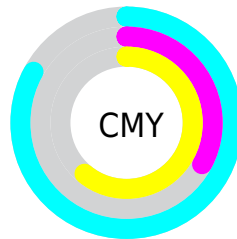
- Red (17%)
- Green (67%)
- Blue (39%)



- Red (17%)
- Yellow (52%)
- Blue (67%)



- Cyan (75%)
- Magenta (0%)
- Yellow (42%)
- Black (33%)



- Cyan (83%)
- Magenta (33%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2BAC64 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 2BAC64 by changing the saturation by 10% instead.



 2BAC64

 2BAC64

FFFFFF

 00914B

 6CE498

 007634

 89FFB3

 005D1D

 A6FFCE

 004405

 C4FFEB

 002E00

 E2FFFF

 001000

 000000

 2BAC64

 2BAC64

 1AAC5A

 3CAC6E

■ 09AC51

■ 4DAC77

■ 00AC4C

■ 5FAC81

■ 70AC8A

■ 81AC94

■ 92AC9E

■ A3ACA7

■ B5ACB1

■ C6ACBA

# Harmonies

## Analogous

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



7CA439



2BAC64



00B098

# Triad

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



2BAC64



0D9CFE



F16F64

# Complementary

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



2BAC64



AC2B73

# 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.



F26796



2BAC64



9C88EF

# Square

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



2BAC64



00A9F1



D773C9



D8823B

# Rectangle

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



2BAC64



00B0BB



D773C9



F46B74



# Sweetspot

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



2BAC64



ADE0C4



74AC2B



51705F



F0F0F0



707070



# Same Dimension

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



2BAC64



16E070



2BACA3



4E5752



009642



00170A



# Inverse Universe

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



AC2B73



E01687



AC2B34



574E53



960054



17000D



# Previews

## White Background



This preview shows how the Hex color 2BAC64 looks on a white background.

## Color Contrast Check

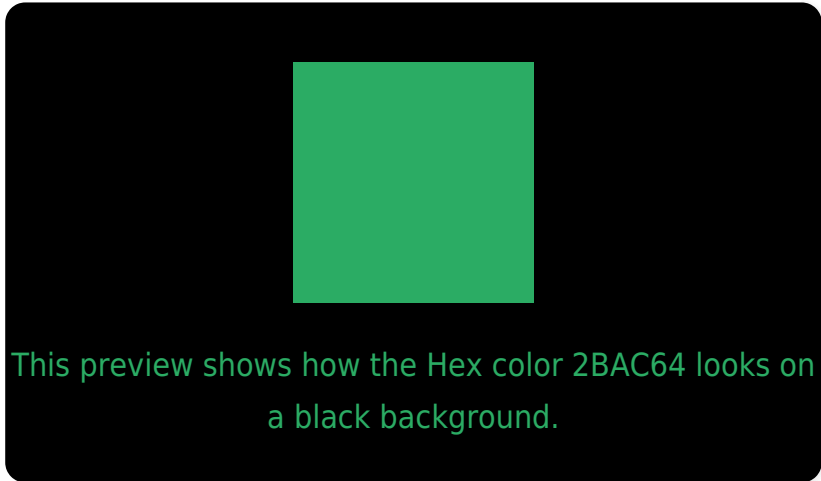
Large Text (above 18pt) WCAG AA × Fail

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 2BAC64 Background



This preview shows how black text looks on a background with the Hex color 2BAC64.

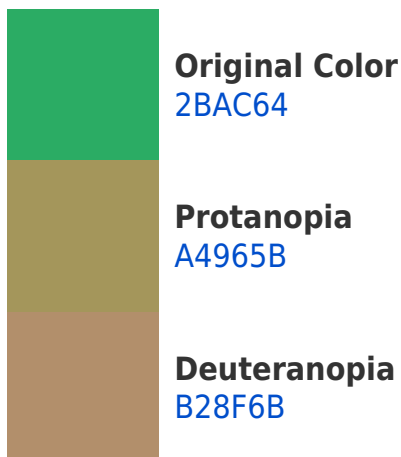


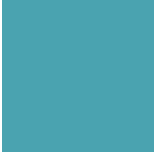
This preview shows how white text looks on a background with the Hex color 2BAC64.

# 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**  
4AA3B0

# Trichromacy



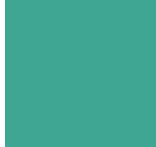
**Original Color**  
2BAC64



**Protanomaly**  
789E5E



**Deuteranomaly**  
819A68



**Tritanomaly**  
3FA694

# Monochromacy



**Original Color**  
2BAC64



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
5F8E74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2BAC64 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 #2BAC64 looks like.

```
.text, #text, p{  
    color:#2BAC64  
}
```

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 #2BAC64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BAC64
}
```

## Border

The CSS property to change the border of an element to Hex 2BAC64 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
#2BAC64 }
```

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

```
.border{ border-color:#2BAC64 }
```

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

Here you see how a box with a 4 pixel #2BAC64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BAC64; -webkit-box-shadow:4px 4px  
4px 4px #2BAC64; box-shadow:4px 4px 4px  
4px #2BAC64 }
```

# Background

The CSS property to change the background color of an element to Hex 2BAC64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BAC64 }
```

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

```
.background{ background-color:#2BAC64 }
```

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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