

# Converting Colors

Hex(2BA564)

Have a look what the booklet for  
Hex(2BA564) contains.

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# Color

**Hex(2BA564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BA564
RGB	43, 165, 100
RGB Percent	17%, 65%, 39%
CMY	0.8314, 0.3529, 0.6078
CMYK	0.74, 0.00, 0.39, 0.35
HSL	148°, 59%, 41%
HSV	148°, 74%, 65%
XYZ	16.7516, 28.3440, 16.6446
YIQ	121.1120, -51.8470, -46.0790

# Conversions

## Conversions Part 2

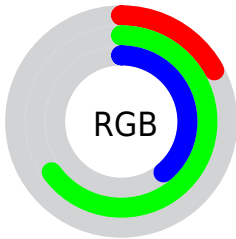
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 126, 165
Decimal	2860388
CIE <sub>Lab</sub>	60.20, -48.11, 24.44
CIE <sub>LCh</sub>	60, 53.957, 153.070
Yxy	28.3440, 0.2713, 0.4591
Android (android.graphics.Color)	4281050468 (0xFF2BA564)
YUV	121.1120, -10.4082, -68.5042
Hunter-Lab	53.2390, -37.0034, 18.7309

# Details

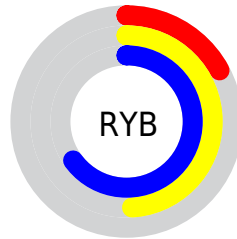
The Hex color **2BA564** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A52B6C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6ADD97**, and **007034** is the 20% darker color. If you saturate the color by 10%, you get **1BA55B**, and if you desaturate by 10%, it is **3BA56D**.

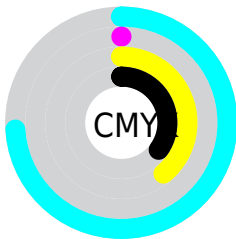
# Distribution



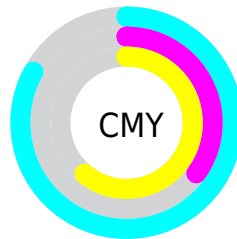
- Red (17%)
- Green (65%)
- Blue (39%)



- Red (17%)
- Yellow (49%)
- Blue (65%)



- Cyan (74%)
- Magenta (0%)
- Yellow (39%)
- Black (35%)



- Cyan (83%)
- Magenta (35%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2BA564 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 2BA564 by changing the saturation by 10% instead.



 2BA564

 2BA564

FFFFFF

 008A4C

 6ADD97

 007034

 87FAB2

 00561E

 A4FFCE

 003E07

 C1FFEA

 002800

 DFFFFFF

 000100

FDFFFF

 000000

 2BA564

 2BA564

 1BA55B

 3BA56D

0AA552

4CA576

00A54D

5CA57E

6DA587

7EA590

8EA599

9EA5A2

AFA5AA

BFA5B3

# Harmonies

## Analogous

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



769D3C



2BA564



00A895

# Triad

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



2BA564



3095F0



E46D60

# Complementary

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



2BA564



A52B6C

# 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.



E7668E



2BA564



9982E1

# Square

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



2BA564



00A1E5



CF6FBD



CD7F3B

# Rectangle

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



2BA564



00A8B5



CF6FBD



E8696F



# Sweetspot

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



2BA564



A7D6BD



6CA52B



4F6B5C



EBEBEB



6B6B6B



# Same Dimension

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



2BA564



18D671



2BA5A1



49524D



009144



001208



# Inverse Universe

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



A52B6C



D6187D



A52B2F



52494E



91004D



12000A



# Previews

## White Background



This preview shows how the Hex color 2BA564 looks on a white background.

## Color Contrast Check

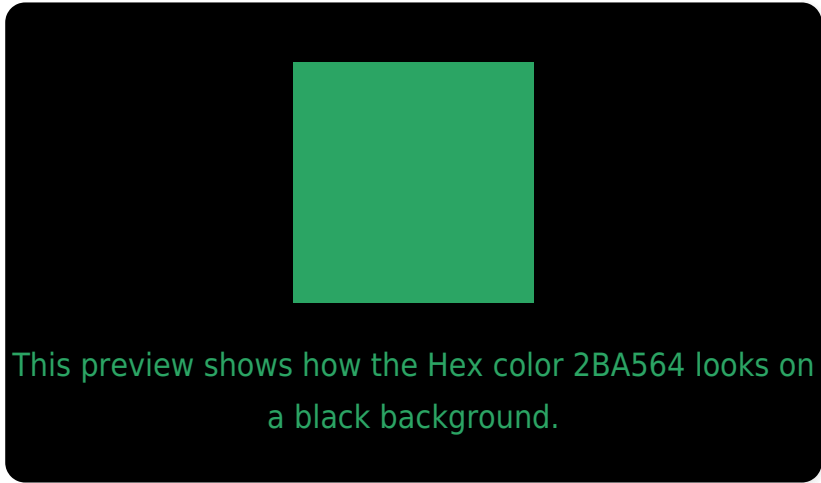
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2BA564 Background



This preview shows how black text looks on a background with the Hex color 2BA564.



This preview shows how white text looks on a background with the Hex color 2BA564.

# 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



**Original Color**  
2BA564

**Protanopia**  
9D905C

**Deuteranopia**  
AA8A6A



**Tritanopia**  
479DA9

# Trichromacy



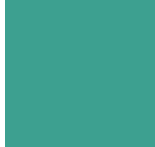
**Original Color**  
2BA564



**Protanomaly**  
74985F



**Deuteranomaly**  
7C9468



**Tritanomaly**  
3DA090

# Monochromacy



**Original Color**  
2BA564



**Achromatopsia**  
797979



**Achromatomaly**  
5D8971

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2BA564 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 #2BA564 looks like.

```
.text, #text, p{  
    color:#2BA564  
}
```

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 #2BA564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BA564
}
```

## Border

The CSS property to change the border of an element to Hex 2BA564 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
#2BA564 }
```

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

```
.border{ border-color:#2BA564 }
```

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

Here you see how a box with a 4 pixel #2BA564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BA564; -webkit-box-shadow:4px 4px  
4px 4px #2BA564; box-shadow:4px 4px 4px  
4px #2BA564 }
```

# Background

The CSS property to change the background color of an element to Hex 2BA564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BA564 }
```

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

```
.background{ background-color:#2BA564 }
```

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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