

Converting Colors

Hex(2BA681)

Have a look what the booklet for
Hex(2BA681) contains.

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Color

Hex(2BA681)

Conversions

Conversions Part 1

Format	Color
Hex	2BA681
RGB	43, 166, 129
RGB Percent	17%, 65%, 51%
CMY	0.8314, 0.3490, 0.4941
CMYK	0.74, 0.00, 0.22, 0.35
HSL	162°, 59%, 41%
HSV	162°, 74%, 65%
XYZ	18.5949, 29.3710, 25.4580
YIQ	125.0050, -61.4310, -37.5830

Conversions

Conversions Part 2

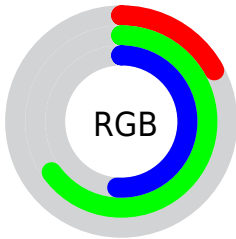
Format	Color
R_{YB}	43, 115, 166
Decimal	2860673
CIE _{Lab}	61.11, -42.10, 9.73
CIE _{LCh}	61, 43.210, 166.983
Yxy	29.3710, 0.2533, 0.4000
Android (android.graphics.Color)	4281050753 (0xFF2BA681)
YUV	125.0050, 1.9695, -71.9184
Hunter-Lab	54.1950, -33.5959, 10.0852

Details

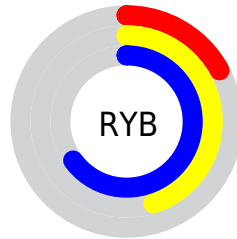
The Hex color **2BA681** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A62B50**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6BDEB6**, and **007150** is the 20% darker color. If you saturate the color by 10%, you get **1AA67C**, and if you desaturate by 10%, it is **3CA686**.

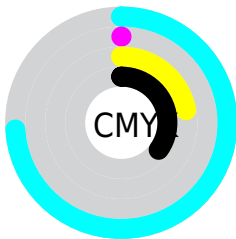
Distribution



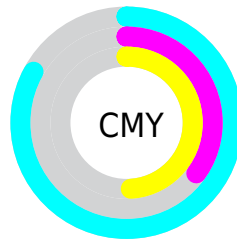
- Red (17%)
- Green (65%)
- Blue (51%)



- Red (17%)
- Yellow (45%)
- Blue (65%)



- Cyan (74%)
- Magenta (0%)
- Yellow (22%)
- Black (35%)



- Cyan (83%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BA681 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 2BA681 by changing the saturation by 10% instead.



2BA681



2BA681

FFFFFF



008B68



6BDEB6



007150



88FBD1



005839



A5FFEE



003F23



C2FFFF



002A0E



E0FFFF



000800

FEFFFF



000000



2BA681



2BA681



1AA67C



3CA686

0AA677

4CA68B

00A674

5DA690

6DA695

7EA69A

8FA69F

9FA6A4

B0A6A9

C0A6AE

Harmonies

Analogous

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



6AA15E



2BA681



00A7A9

Triad

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



2BA681



7C90DC



D27E5D

Complementary

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



2BA681



A62B50

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.



DC757F



2BA681



B281C8

Square

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



2BA681



1D9CDD



D276A6



B98C48

Rectangle

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



2BA681



00A6C0



D276A6



D77A67

Sweetspot

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



2BA681



A9D9CA



52A62B



516E65



EDEDED



6E6E6E

Same Dimension

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



2BA681



18D99F



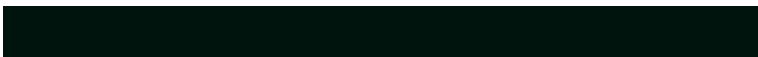
2B8FA6



4C5452



009467



00140E

Inverse Universe

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



A62B50



D91852



A6422B



544C4E



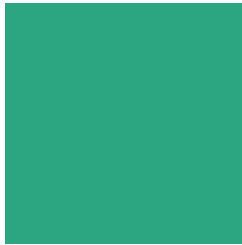
94002C



140006

Previews

White Background



This preview shows how the Hex color 2BA681 looks on a white background.

Color Contrast Check

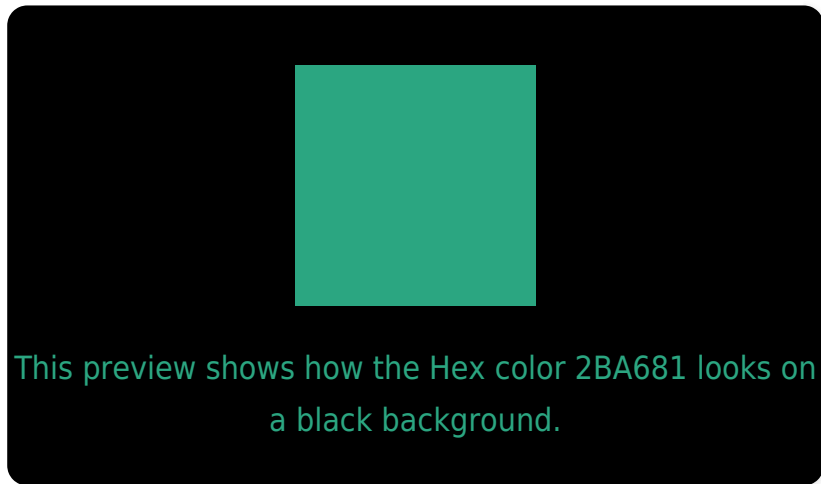
Large Text (above 18pt) WCAG AA ✓ Pass

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

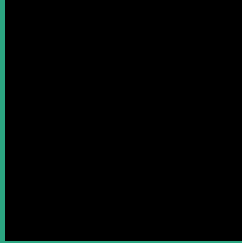
Any Text WCAG AA ✓ Pass

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 2BA681 Background



This preview shows how black text looks on a background with the Hex color 2BA681.

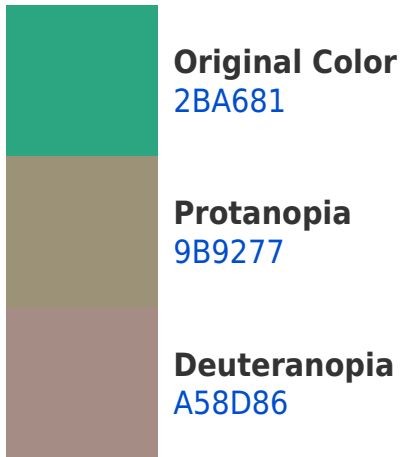


This preview shows how white text looks on a background with the Hex color 2BA681.

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



Trichromacy



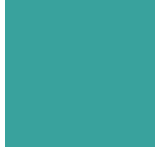
Original Color
2BA681



Protanomaly
72997B



Deuteranomaly
799684



Tritanomaly
39A29D

Monochromacy



Original Color
2BA681



Achromatopsia
7D7D7D



Achromatomaly
5F8C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BA681 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 #2BA681 looks like.

```
.text, #text, p{  
    color:#2BA681  
}
```

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 #2BA681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BA681
}
```

Border

The CSS property to change the border of an element to Hex 2BA681 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
#2BA681 }
```

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

```
.border{ border-color:#2BA681 }
```

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

Here you see how a box with a 4 pixel #2BA681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BA681; -webkit-box-shadow:4px 4px  
4px 4px #2BA681; box-shadow:4px 4px 4px  
4px #2BA681 }
```

Background

The CSS property to change the background color of an element to Hex 2BA681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BA681 }
```

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

```
.background{ background-color:#2BA681 }
```

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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