

Converting Colors

Hex(2BA567)

Have a look what the booklet for
Hex(2BA567) contains.

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Color

Hex(2BA567)

Conversions

Conversions Part 1

Format	Color
Hex	2BA567
RGB	43, 165, 103
RGB Percent	17%, 65%, 40%
CMY	0.8314, 0.3529, 0.5961
CMYK	0.74, 0.00, 0.38, 0.35
HSL	150°, 59%, 41%
HSV	150°, 74%, 65%
XYZ	16.8996, 28.4031, 17.4236
YIQ	121.4540, -52.8100, -45.1460

Conversions

Conversions Part 2

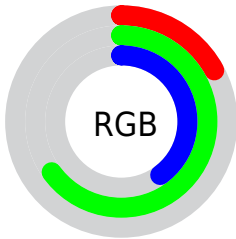
Format	Color
RYB	43, 125, 165
Decimal	2860391
CIELab	60.25, -47.51, 22.89
CIElCh	60, 52.737, 154.280
Yxy	28.4031, 0.2694, 0.4528
Android (android.graphics.Color)	4281050471 (0xFF2BA567)
YUV	121.4540, -9.0978, -68.8042
Hunter-Lab	53.2946, -36.6636, 17.9225

Details

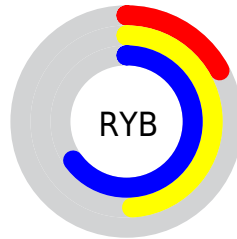
The Hex color **2BA567** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A52B69**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6ADD9B**, and **007037** is the 20% darker color. If you saturate the color by 10%, you get **1BA55F**, and if you desaturate by 10%, it is **3BA56F**.

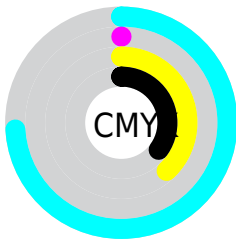
Distribution



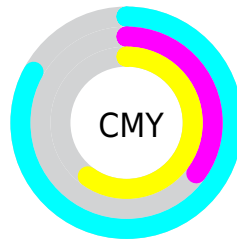
- Red (17%)
- Green (65%)
- Blue (40%)



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



- Cyan (74%)
- Magenta (0%)
- Yellow (38%)
- Black (35%)



- Cyan (83%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BA567 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 2BA567 by changing the saturation by 10% instead.



2BA567



2BA567

FFFFFF



008A4F



6ADD9B



007037



87FAB6



005621



A4FFD1



003E0B



C1FFEE



002900



DFFFFFF



000200

FDFFFF



000000



2BA567



2BA567



1BA55F



3BA56F

0AA556

4CA578

00A551

5CA580

6DA589

7EA591

8EA599

9EA5A2

AFA5AA

BFA5B2

Harmonies

Analogous

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



749E40



2BA567



00A897

Triad

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



2BA567



3D94EE



E26F5F

Complementary

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



2BA567



A52B69

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.



E6678C



2BA567



9C82DE

Square

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



2BA567



00A1E4



CF70BA



CA803C

Rectangle

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



2BA567



00A8B6



CF70BA



E66B6E

Sweetspot

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



2BA567



A7D6BE



6AA52B



4F6B5D



EBEBEB



6B6B6B

Same Dimension

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



2BA567



18D675



2BA5A3



49524D



009147



001209

Inverse Universe

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



A52B69



D61878



A52B2D



52494E



91004A



120009

Previews

White Background



This preview shows how the Hex color 2BA567 looks on a white background.

Color Contrast Check

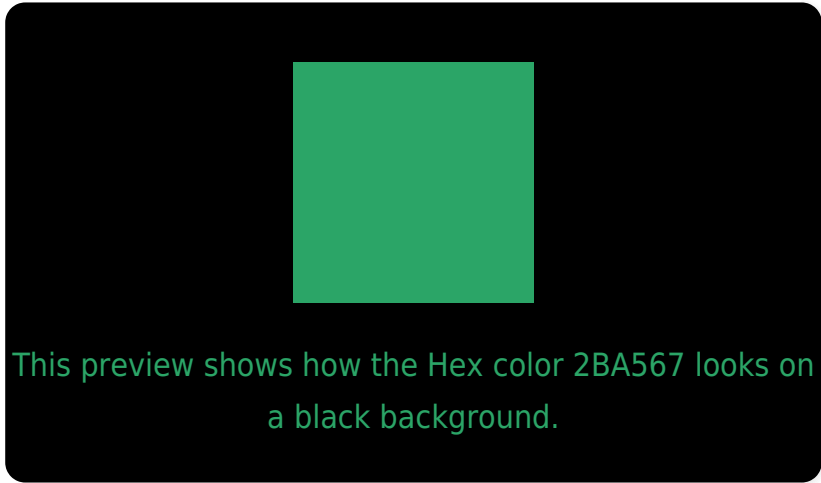
Large Text (above 18pt) WCAG AA ✓ Pass

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

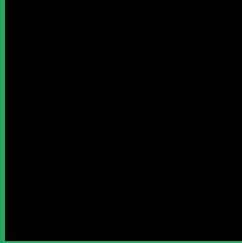
Any Text WCAG AA ✓ Pass

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 2BA567 Background



This preview shows how black text looks on a background with the Hex color 2BA567.

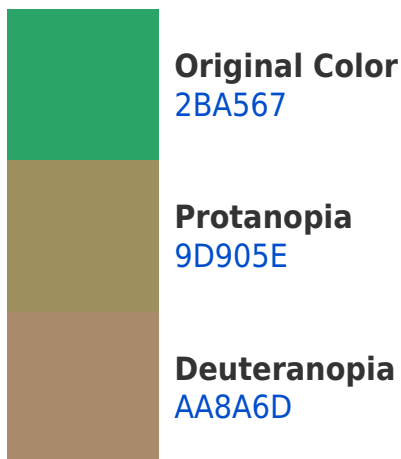


This preview shows how white text looks on a background with the Hex color 2BA567.

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
479DAA

Trichromacy



Original Color
2BA567



Protanomaly
749861



Deuteranomaly
7C946B



Tritanomaly
3DA092

Monochromacy



Original Color
2BA567



Achromatopsia
797979



Achromatomaly
5D8972

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BA567 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 #2BA567 looks like.

```
.text, #text, p{  
    color:#2BA567  
}
```

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 #2BA567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BA567
}
```

Border

The CSS property to change the border of an element to Hex 2BA567 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
#2BA567 }
```

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

```
.border{ border-color:#2BA567 }
```

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

Here you see how a box with a 4 pixel #2BA567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BA567; -webkit-box-shadow:4px 4px  
4px 4px #2BA567; box-shadow:4px 4px 4px  
4px #2BA567 }
```

Background

The CSS property to change the background color of an element to Hex 2BA567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BA567 }
```

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

```
.background{ background-color:#2BA567 }
```

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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