

Converting Colors

Hex(3AA06D)

Have a look what the booklet for
Hex(3AA06D) contains.

Hex(3AA06D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3AA06D)

Conversions

Conversions Part 1

Format	Color
Hex	3AA06D
RGB	58, 160, 109
RGB Percent	23%, 63%, 43%
CMY	0.7725, 0.3725, 0.5725
CMYK	0.64, 0.00, 0.32, 0.37
HSL	150°, 47%, 43%
HSV	150°, 64%, 63%
XYZ	17.0760, 27.1453, 18.8076
YIQ	123.6880, -44.4210, -37.4850

Conversions

Conversions Part 2

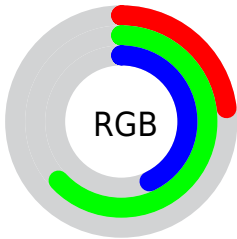
Format	Color
R_{YB}	58, 126, 160
Decimal	3842157
CIE _{Lab}	59.11, -41.61, 18.11
CIE _{LCh}	59, 45.383, 156.476
Yxy	27.1453, 0.2709, 0.4307
Android (android.graphics.Color)	4282032237 (0xFF3AA06D)
YUV	123.6880, -7.2412, -57.6084
Hunter-Lab	52.1011, -32.6739, 15.0682

Details

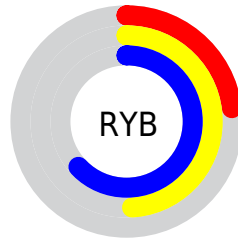
The Hex color **3AA06D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A03A6D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **74D8A1**, and **006B3D** is the 20% darker color. If you saturate the color by 10%, you get **2AA065**, and if you desaturate by 10%, it is **4AA075**.

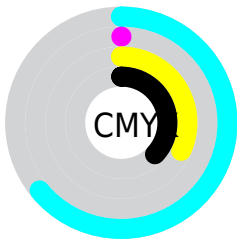
Distribution



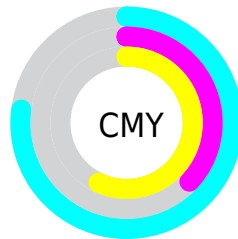
- Red (23%)
- Green (63%)
- Blue (43%)



- Red (23%)
- Yellow (49%)
- Blue (63%)



- Cyan (64%)
- Magenta (0%)
- Yellow (32%)
- Black (37%)



- Cyan (77%)
- Magenta (37%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AA06D 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 3AA06D by changing the saturation by 10% instead.

 3AA06D

 3AA06D

FFFFFF

 168554

 74D8A1

 006B3D

 90F4BC

 005227

 ACFFD8

 003A12

 C9FFF4

 002600

 E6FFFF

 000000

 3AA06D

 3AA06D

 2AA065

 4AA075

 1AA05D

 5AA07D

0AA055

6AA085

00A050

7AA08D

8AA095

9AA09D

AAA0A5

BAA0AD

CAA0B5

Harmonies

Analogous

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



739A4C



3AA06D



00A296

Triad

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



3AA06D



5890DD



D47361

Complementary

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



3AA06D



A03A6D

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.



D86C87



3AA06D



9D80CF

Square

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



3AA06D



009BD7



C672AF



BF8145

Rectangle

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



3AA06D



00A2B1



C672AF



D86F6D

Sweetspot

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



3AA06D



A9D1BD



6DA03A



51695D



E8E8E8



696969

Same Dimension

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



3AA06D



30D181



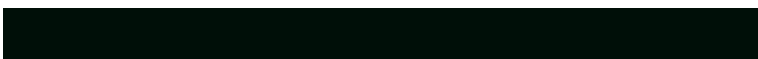
3AA0A0



474F4B



008F47



000F08

Inverse Universe

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



A03A6D



D13081



A03A3A



4F474B



8F0047



0F0008

Previews

White Background



This preview shows how the Hex color 3AA06D looks on a white background.

Color Contrast Check

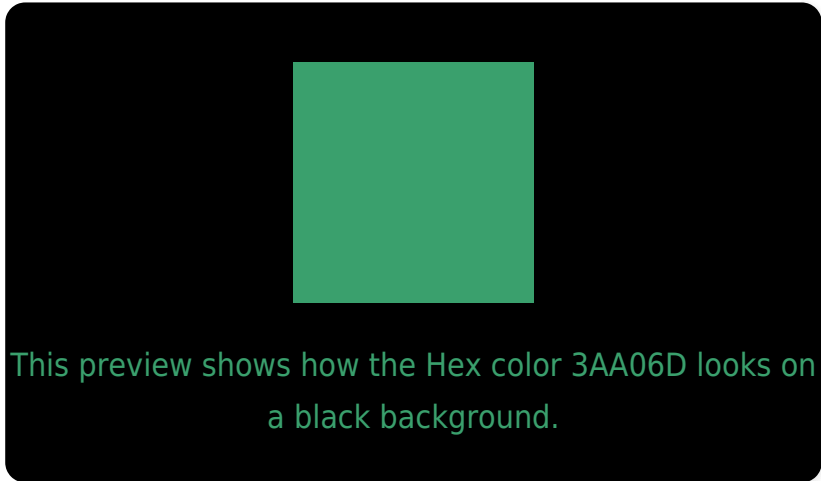
Large Text (above 18pt) WCAG AA ✓ Pass

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 3AA06D Background



This preview shows how black text looks on a background with the Hex color 3AA06D.

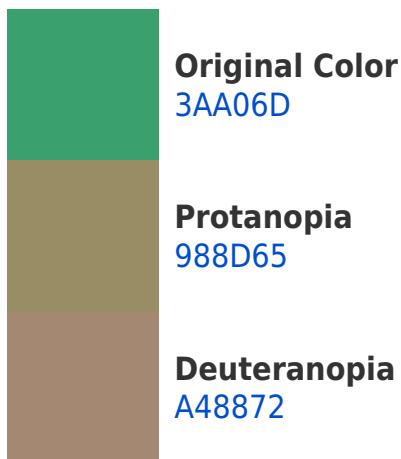


This preview shows how white text looks on a background with the Hex color 3AA06D.

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](#).

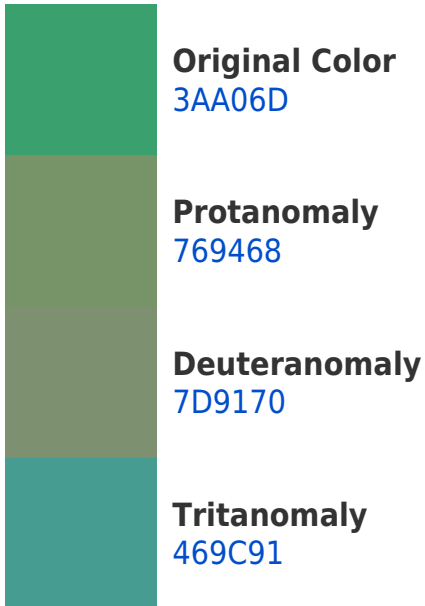
Dichromacy





Tritanopia
4D99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AA06D 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 #3AA06D looks like.

```
.text, #text, p{  
    color:#3AA06D  
}
```

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 #3AA06D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA06D
}
```

Border

The CSS property to change the border of an element to Hex 3AA06D 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
#3AA06D }
```

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

```
.border{ border-color:#3AA06D }
```

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

Here you see how a box with a 4 pixel #3AA06D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA06D; -webkit-box-shadow:4px 4px  
4px 4px #3AA06D; box-shadow:4px 4px 4px  
4px #3AA06D }
```

Background

The CSS property to change the background color of an element to Hex 3AA06D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA06D }
```

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

```
.background{ background-color:#3AA06D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor