

# Converting Colors

Hex(3AA82E)

Have a look what the booklet for  
Hex(3AA82E) contains.

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# Color

Hex(3AA82E)

# Conversions

## Conversions Part 1

Format	Color
Hex	3AA82E
RGB	58, 168, 46
RGB Percent	23%, 66%, 18%
CMY	0.7725, 0.3412, 0.8196
CMYK	0.65, 0.00, 0.73, 0.34
HSL	114°, 57%, 42%
HSV	114°, 73%, 66%
XYZ	16.2407, 29.1021, 7.3461
YIQ	121.2020, -26.3980, -61.2620

# Conversions

## Conversions Part 2

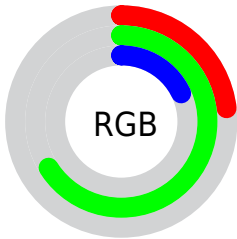
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 168, 156
Decimal	3844142
CIELab	60.87, -53.89, 51.12
CIELCh	61, 74.276, 136.511
Yxy	29.1021, 0.3082, 0.5523
Android (android.graphics.Color)	4282034222 (0xFF3AA82E)
YUV	121.2020, -37.0746, -55.4282
Hunter-Lab	53.9463, -40.6681, 29.6887

# Details

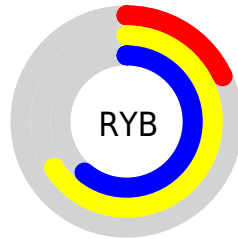
The Hex color **3AA82E** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9C2EA8**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **77E063**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **2BA81D**, and if you desaturate by 10%, it is **49A83F**.

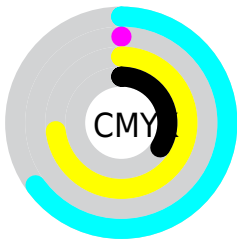
# Distribution



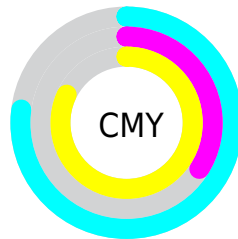
- Red (23%)
- Green (66%)
- Blue (18%)



- Red (18%)
- Yellow (66%)
- Blue (61%)



- Cyan (65%)
- Magenta (0%)
- Yellow (73%)
- Black (34%)



- Cyan (77%)
- Magenta (34%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AA82E 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 3AA82E by changing the saturation by 10% instead.



 3AA82E

 3AA82E

FFFFFF

 0F8D0E

 77E063

 007300

 94FD7E

 005900

 B1FF99

 004000

 CFFFB5

 002A00

 ECFFD1

 000600

 FFFFEE

 000000

 3AA82E

 3AA82E

 2BA81D

 49A83F

 1CA80C

 58A850

 11A800

 67A860

 77A871

 86A882

 95A893

 A4A8A4

 B3A8B4

 C2A8C5

# Harmonies

## Analogous

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



8F9B00



3AA82E



00AF72

# Triad

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



3AA82E



00A3FF



FF4C72

# Complementary

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



3AA82E



9C2EA8

# 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.



F950B3



3AA82E



448EFF

# Square

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



3AA82E



00ADF1



C26FEE



F36734

# Rectangle

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



3AA82E



00B0A0



C26FEE



FF4987



# Sweetspot

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



3AA82E



B0DBAB



A89C2E



546E51



EDEDED



6E6E6E



# Same Dimension

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



3AA82E



2FDB1D



2EA85F



4D544C



0F9400



021400



# Inverse Universe

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



9C2EA8



C91DDB



A82E77



534C54



850094



120014



# Previews

## White Background



This preview shows how the Hex color 3AA82E looks on a white background.

## Color Contrast Check

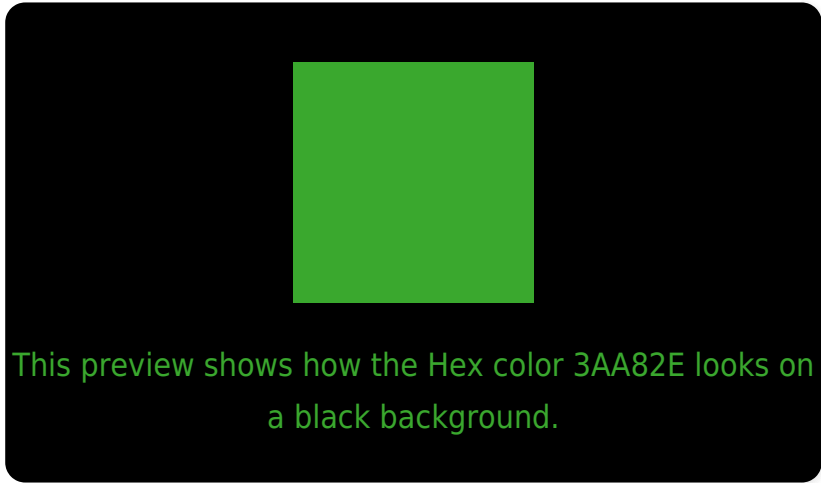
Large Text (above 18pt) WCAG AA ✓ Pass

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

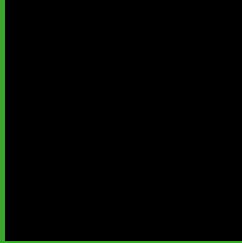
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3AA82E Background



This preview shows how black text looks on a background with the Hex color 3AA82E.



This preview shows how white text looks on a background with the Hex color 3AA82E.

# 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](#).

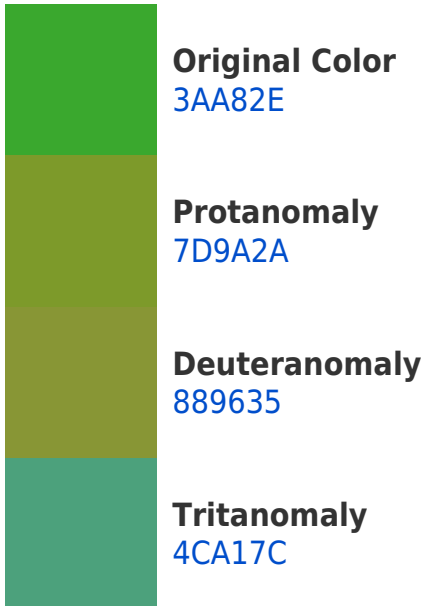
## Dichromacy



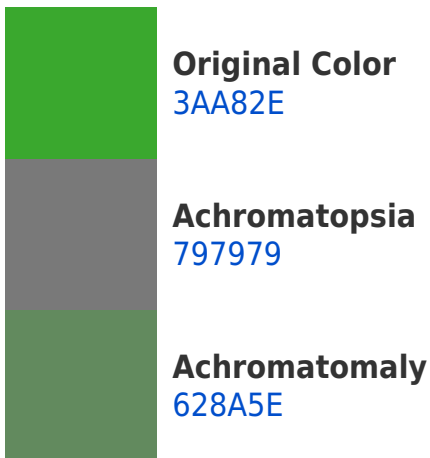


**Tritanopia**  
579DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AA82E 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 #3AA82E looks like.

```
.text, #text, p{  
    color:#3AA82E  
}
```

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 #3AA82E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA82E
}
```

## Border

The CSS property to change the border of an element to Hex 3AA82E 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
#3AA82E }
```

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

```
.border{ border-color:#3AA82E }
```

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

Here you see how a box with a 4 pixel #3AA82E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA82E; -webkit-box-shadow:4px 4px  
4px 4px #3AA82E; box-shadow:4px 4px 4px  
4px #3AA82E }
```

# Background

The CSS property to change the background color of an element to Hex 3AA82E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA82E }
```

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

```
.background{ background-color:#3AA82E }
```

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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