

Converting Colors

Hex(3AA127)

Have a look what the booklet for
Hex(3AA127) contains.

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Color

Hex(3AA127)

Conversions

Conversions Part 1

Format	Color
Hex	3AA127
RGB	58, 161, 39
RGB Percent	23%, 63%, 15%
CMY	0.7725, 0.3686, 0.8471
CMYK	0.64, 0.00, 0.76, 0.37
HSL	111°, 61%, 39%
HSV	111°, 76%, 63%
XYZ	14.8560, 26.5358, 6.2584
YIQ	116.2950, -22.2260, -59.7780

Conversions

Conversions Part 2

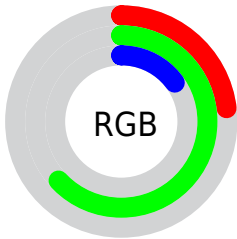
Format	Color
R _Y B	39, 161, 142
Decimal	3842343
CIE Lab	58.54, -51.97, 51.34
CIE LCh	59, 73.049, 135.351
Yxy	26.5358, 0.3118, 0.5569
Android (android.graphics.Color)	4282032423 (0xFF3AA127)
YUV	116.2950, -38.1064, -51.1247
Hunter-Lab	51.5129, -38.6692, 28.8558

Details

The Hex color **3AA127** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8E27A1**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **76D95D**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **2CA117**, and if you desaturate by 10%, it is **48A137**.

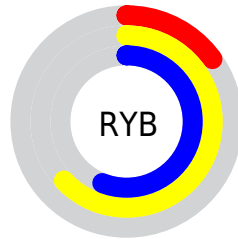
Distribution



Red (23%)

Green (63%)

Blue (15%)



Red (15%)

Yellow (63%)

Blue (56%)

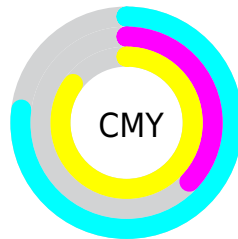


Cyan (64%)

Magenta (0%)

Yellow (76%)

Black (37%)



Cyan (77%)

Magenta (37%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AA127 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 3AA127 by changing the saturation by 10% instead.



3AA127



3AA127

FFFFFF



128602



76D95D



006C00



93F677



005300



B0FF92



003A00



CDFFAE



002400



EBFFCA



000000



FFFFE7



3AA127



3AA127



2CA117



48A137

 1FA107

 55A147

 19A100

 63A157

 70A167

 7EA178

 8CA188

 99A198

 A7A1A8

 B4A1B8

Harmonies

Analogous

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



8B9400



3AA127



00A86A

Triad

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



3AA127



009DFF



FD476F

Complementary

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



3AA127



8E27A1

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.



EF4CAF



3AA127



3289FF

Square

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



3AA127



00A7E7



B86BE8



EC6132

Rectangle

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



3AA127



00A997



B86BE8



FC4484

Sweetspot

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



3AA127



A8D1A1



A18D27



50694B



E8E8E8



696969

Same Dimension

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



3AA127



30D113



27A150



4B5249



179100



031200

Inverse Universe

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



8E27A1



B313D1



A12778



504952



7B0091



0F0012

Previews

White Background



This preview shows how the Hex color 3AA127 looks on a white background.

Color Contrast Check

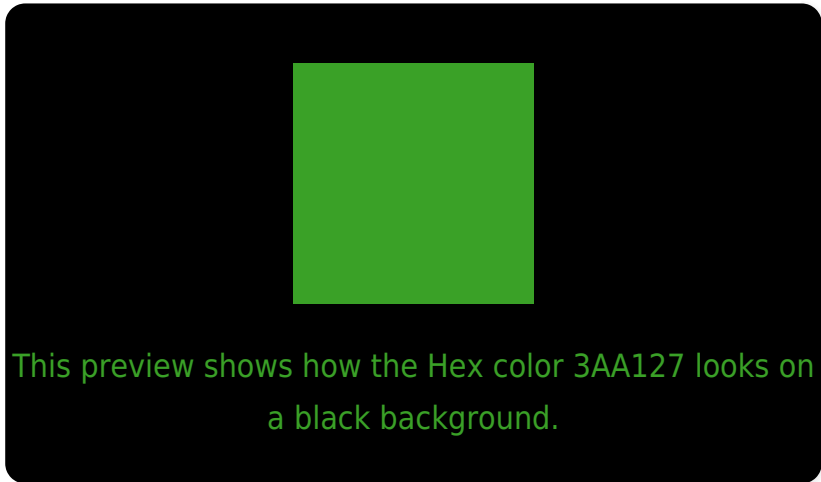
Large Text (above 18pt) WCAG AA ✓ Pass

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 3AA127 Background



This preview shows how black text looks on a background with the Hex color 3AA127.



This preview shows how white text looks on a background with the Hex color 3AA127.

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
3AA127

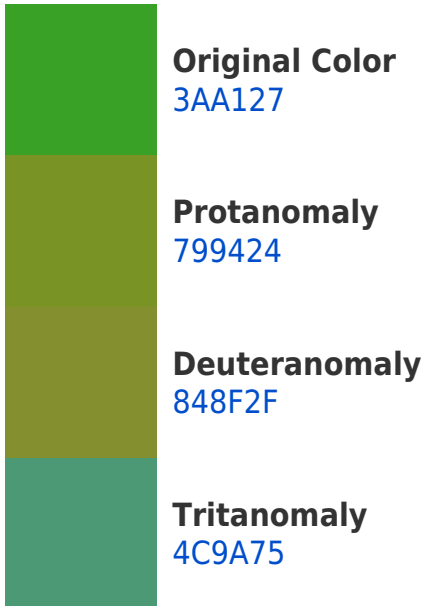
Protanopia
9D8C22

Deuteranopia
AE8533

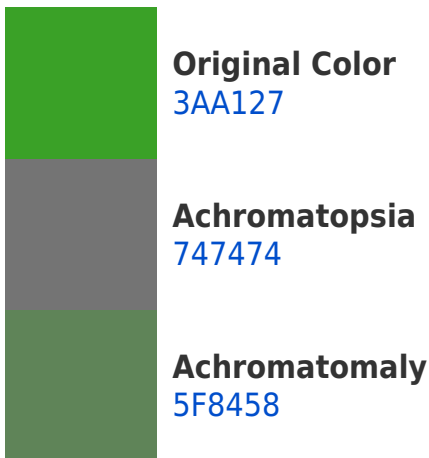


Tritanopia
5696A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AA127 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 #3AA127 looks like.

```
.text, #text, p{  
    color:#3AA127  
}
```

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 #3AA127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA127
}
```

Border

The CSS property to change the border of an element to Hex 3AA127 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
#3AA127 }
```

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

```
.border{ border-color:#3AA127 }
```

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

Here you see how a box with a 4 pixel #3AA127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA127; -webkit-box-shadow:4px 4px  
4px 4px #3AA127; box-shadow:4px 4px 4px  
4px #3AA127 }
```

Background

The CSS property to change the background color of an element to Hex 3AA127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA127 }
```

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

```
.background{ background-color:#3AA127 }
```

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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