

Converting Colors

Hex(3BA155)

Have a look what the booklet for
Hex(3BA155) contains.

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Color

Hex(3BA155)

Conversions

Conversions Part 1

Format	Color
Hex	3BA155
RGB	59, 161, 85
RGB Percent	23%, 63%, 33%
CMY	0.7686, 0.3686, 0.6667
CMYK	0.63, 0.00, 0.47, 0.37
HSL	135°, 46%, 43%
HSV	135°, 63%, 63%
XYZ	16.1882, 27.0754, 12.9672
YIQ	121.8380, -36.3960, -45.2600

Conversions

Conversions Part 2

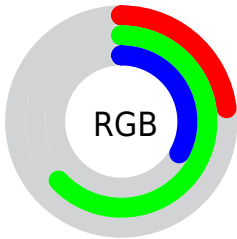
Format	Color
RYB	59, 140, 161
Decimal	3907925
CIELab	59.04, -46.31, 30.99
CIELCh	59, 55.721, 146.213
Yxy	27.0754, 0.2879, 0.4815
Android (android.graphics.Color)	4282098005 (0xFF3BA155)
YUV	121.8380, -18.1611, -55.1089
Hunter-Lab	52.0340, -35.5269, 21.6484

Details

The Hex color **3BA155** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A13B87**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **75D988**, and **006C25** is the 20% darker color. If you saturate the color by 10%, you get **2BA149**, and if you desaturate by 10%, it is **4BA161**.

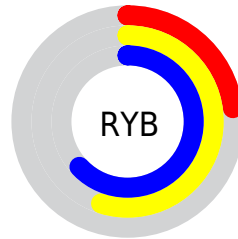
Distribution



Red (23%)

Green (63%)

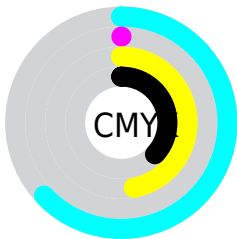
Blue (33%)



Red (23%)

Yellow (55%)

Blue (63%)

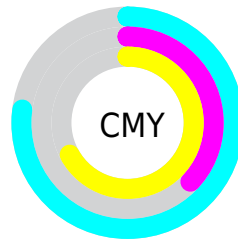


Cyan (63%)

Magenta (0%)

Yellow (47%)

Black (37%)



Cyan (77%)

Magenta (37%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BA155 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 3BA155 by changing the saturation by 10% instead.



3BA155



3BA155

FFFFFF



17863D



75D988



006C25



91F5A2



00530D



AEFFBE



003B00



CBFFDA



002500



E8FFF7



000000



3BA155



3BA155



2BA149



4BA161



1BA13D



5BA16D

 0BA131

 6BA179

 00A129

 7BA185

 8BA191

 9CA19D

 ACA1A9

 BCA1B5

 CCA1C1

Harmonies

Analogous

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



7E982F



3BA155



00A586

Triad

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



3BA155



0095F0



E66566

Complementary

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



3BA155



A13B87

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.



E36196



3BA155



8484E6

Square

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



3BA155



00A1DF



C46FC5



D2773D

Rectangle

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



3BA155



00A6A8



C46FC5



E86276

Sweetspot

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



3BA155



A9D1B3



88A13B



516957



E8E8E8



696969

Same Dimension

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



3BA155



32D15B



3BA188



49524C



009125



001205

Inverse Universe

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



A13B87



D132A9



A13B55



524950



91006C



12000D

Previews

White Background



This preview shows how the Hex color 3BA155 looks on a white background.

Color Contrast Check

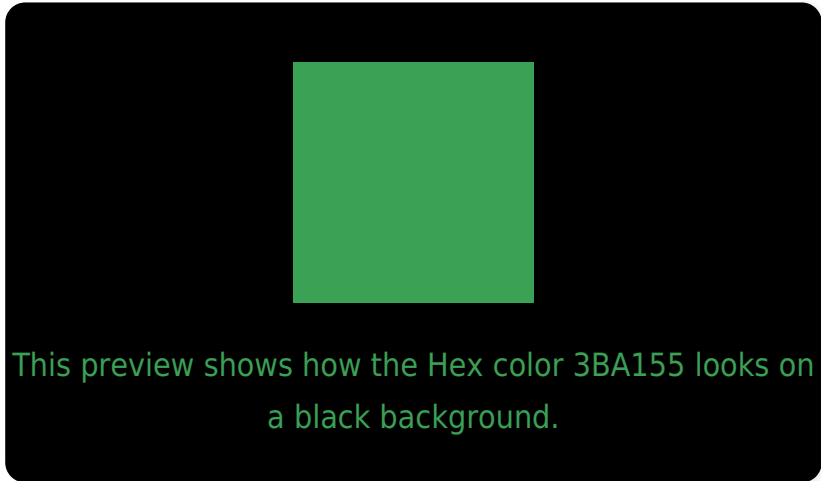
Large Text (above 18pt) WCAG AA ✓ Pass

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

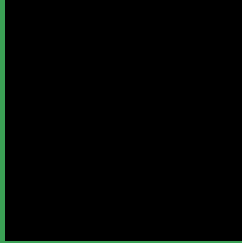
Any Text WCAG AA ✓ Pass

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 3BA155 Background



This preview shows how black text looks on a background with the Hex color 3BA155.



This preview shows how white text looks on a background with the Hex color 3BA155.

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
3BA155

Protanopia
9B8D4E

Deuteranopia
AA875B

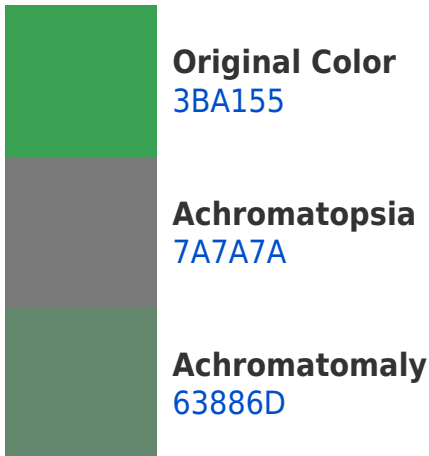


Tritanopia
5298A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BA155 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 #3BA155 looks like.

```
.text, #text, p{  
    color:#3BA155  
}
```

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 #3BA155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA155
}
```

Border

The CSS property to change the border of an element to Hex 3BA155 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
#3BA155 }
```

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

```
.border{ border-color:#3BA155 }
```

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

Here you see how a box with a 4 pixel #3BA155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA155; -webkit-box-shadow:4px 4px  
4px 4px #3BA155; box-shadow:4px 4px 4px  
4px #3BA155 }
```

Background

The CSS property to change the background color of an element to Hex 3BA155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA155 }
```

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

```
.background{ background-color:#3BA155 }
```

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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