

Converting Colors

Hex(4AA159)

Have a look what the booklet for
Hex(4AA159) contains.

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Color

Hex(4AA159)

Conversions

Conversions Part 1

Format	Color
Hex	4AA159
RGB	74, 161, 89
RGB Percent	29%, 63%, 35%
CMY	0.7098, 0.3686, 0.6510
CMYK	0.54, 0.00, 0.45, 0.37
HSL	130°, 37%, 46%
HSV	130°, 54%, 63%
XYZ	17.3721, 27.6669, 13.8758
YIQ	126.7790, -28.7400, -40.8360

Conversions

Conversions Part 2

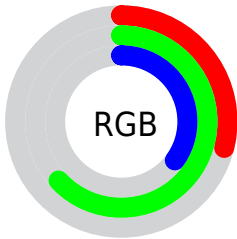
Format	Color
RYB	74, 148, 161
Decimal	4890969
CIELab	59.59, -42.05, 29.68
CIElCh	60, 51.468, 144.789
Yxy	27.6669, 0.2949, 0.4696
Android (android.graphics.Color)	4283081049 (0xFF4AA159)
YUV	126.7790, -18.6250, -46.2872
Hunter-Lab	52.5993, -33.0952, 21.1786

Details

The Hex color **4AA159** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A14A92**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **81D98C**, and **046C29** is the 20% darker color. If you saturate the color by 10%, you get **3AA14C**, and if you desaturate by 10%, it is **5AA166**.

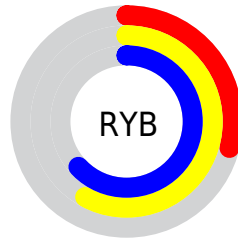
Distribution



Red (29%)

Green (63%)

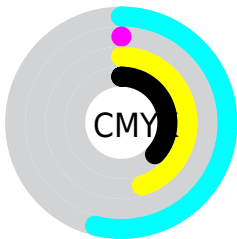
Blue (35%)



Red (29%)

Yellow (58%)

Blue (63%)

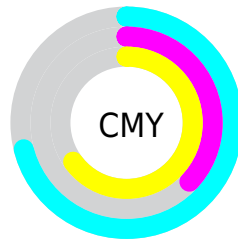


Cyan (54%)

Magenta (0%)

Yellow (45%)

Black (37%)



Cyan (71%)

Magenta (37%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AA159 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 4AA159 by changing the saturation by 10% instead.



4AA159



4AA159

FFFFFF



2D8641



81D98C



046C29



9DF5A7



005312



B9FFC2



003B00



D6FFDE



002700



F3FFFB



000000



4AA159



4AA159



3AA14C



5AA166



2AA13E



6AA174

 1AA131

 7AA181

 0AA124

 8AA18E

 00A11C

 9BA19C

 ABA1A9

 BBA1B6

 CBA1C4

 DBA1D1

Harmonies

Analogous

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



849838



4AA159



00A586

Triad

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



4AA159



0097EA



E26A6C

Complementary

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



4AA159



A14A92

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.



DE6899



4AA159



8487E2

Square

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



4AA159



00A1D9



BF74C4



D17946

Rectangle

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



4AA159



00A6A5



BF74C4



E3687B

Sweetspot

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



4AA159



B0D1B5



93A14A



556958



E8E8E8



696969

Same Dimension

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



4AA159



49D161



4AA184



49524B



009119



001203

Inverse Universe

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



A14A92



D149BA



A14A67



524950



910078



12000F

Previews

White Background



This preview shows how the Hex color 4AA159 looks on a white background.

Color Contrast Check

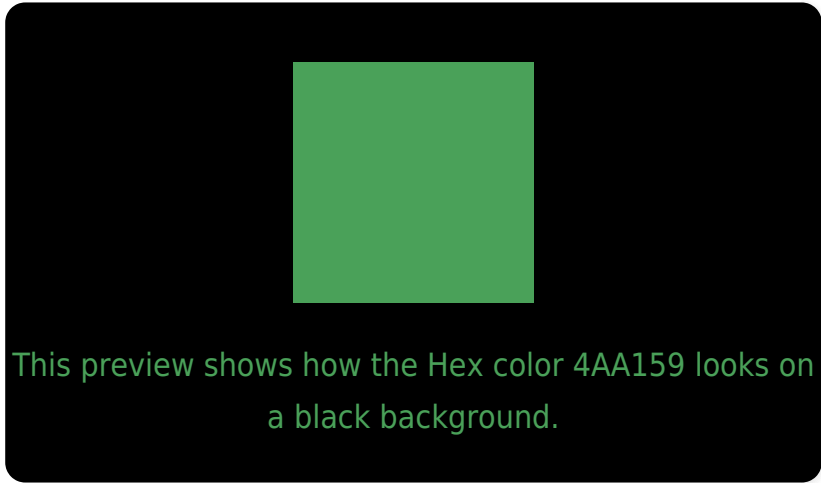
Large Text (above 18pt) WCAG AA ✓ Pass

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

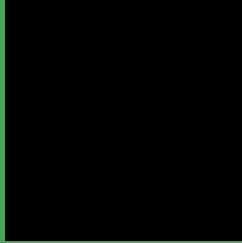
Any Text WCAG AA ✓ Pass

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 4AA159 Background



This preview shows how black text looks on a background with the Hex color 4AA159.

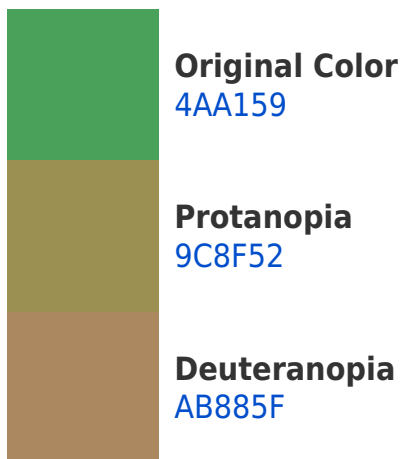


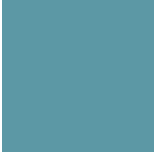
This preview shows how white text looks on a background with the Hex color 4AA159.

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
5C98A5

Trichromacy



Original Color

4AA159



Protanomaly

7E9655



Deuteranomaly

88915D



Tritanomaly

559B89

Monochromacy



Original Color

4AA159



Achromatopsia

7F7F7F



Achromatomaly

6C8B71

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AA159 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 #4AA159 looks like.

```
.text, #text, p{  
    color:#4AA159  
}
```

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 #4AA159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA159
}
```

Border

The CSS property to change the border of an element to Hex 4AA159 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
#4AA159 }
```

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

```
.border{ border-color:#4AA159 }
```

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

Here you see how a box with a 4 pixel #4AA159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA159; -webkit-box-shadow:4px 4px  
4px 4px #4AA159; box-shadow:4px 4px 4px  
4px #4AA159 }
```

Background

The CSS property to change the background color of an element to Hex 4AA159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA159 }
```

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

```
.background{ background-color:#4AA159 }
```

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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