

Converting Colors

Hex(49AA56)

Have a look what the booklet for
Hex(49AA56) contains.

Hex(49AA56)	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(49AA56)

Conversions

Conversions Part 1

Format	Color
Hex	49AA56
RGB	73, 170, 86
RGB Percent	29%, 67%, 34%
CMY	0.7137, 0.3333, 0.6627
CMYK	0.57, 0.00, 0.49, 0.33
HSL	128°, 40%, 48%
HSV	128°, 57%, 67%
XYZ	18.8021, 30.8378, 13.7654
YIQ	131.4210, -30.8480, -46.6880

Conversions

Conversions Part 2

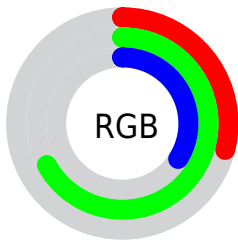
Format	Color
RYB	73, 159, 170
Decimal	4827734
CIELab	62.37, -46.47, 34.74
CIELCh	62, 58.021, 143.216
Yxy	30.8378, 0.2965, 0.4864
Android (android.graphics.Color)	4283017814 (0xFF49AA56)
YUV	131.4210, -22.3926, -51.2352
Hunter-Lab	55.5318, -36.7437, 24.1752

Details

The Hex color **49AA56** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA499D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **82E289**, and **007525** is the 20% darker color. If you saturate the color by 10%, you get **38AA47**, and if you desaturate by 10%, it is **5AAA65**.

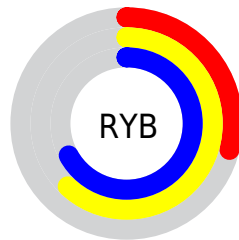
Distribution



Red (29%)

Green (67%)

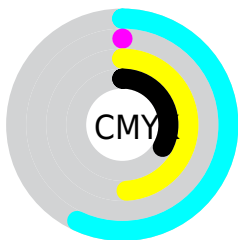
Blue (34%)



Red (29%)

Yellow (62%)

Blue (67%)

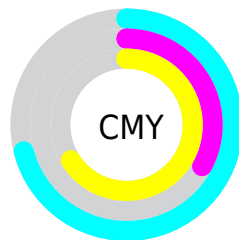


Cyan (57%)

Magenta (0%)

Yellow (49%)

Black (33%)



Cyan (71%)

Magenta (33%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49AA56 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 49AA56 by changing the saturation by 10% instead.

 49AA56

 49AA56

FFFFFF

 2A8F3D

 82E289

 007525

 9EFAA4

 005B0C

 BBFFC0

 004300

 D8FFDC

 002D00

 F5FFF8

 000F00

 000000

 49AA56

 49AA56

 38AA47

 5AAA65

■ 27AA39

■ 6BAA73

■ 16AA2A

■ 7CAA82

■ 05AA1B

■ 8DAA91

■ 00AA17

■ 9EAAA0

■ AFAAAE

■ C0AABD

■ D1AACC

■ E2AADA

Harmonies

Analogous

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



8BA030



49AA56



00AF89

Triad

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



49AA56



00A0FD



F46B71

Complementary

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



49AA56



AA499D

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.



EE68A5



49AA56



838EF6

Square

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



49AA56



00ABE8



CA78D5



E17C45

Rectangle

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



49AA56



00B0AD



CA78D5



F56882

Sweetspot

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



49AA56



B8DEBD



9DAA49



5A705D



F0F0F0



707070

Same Dimension

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



49AA56



47DE5B



49AA86



4C544D



009414



001403

Inverse Universe

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



AA499D



DE47CA



AA496D



544C53



940080



140012

Previews

White Background



This preview shows how the Hex color 49AA56 looks on a white background.

Color Contrast Check

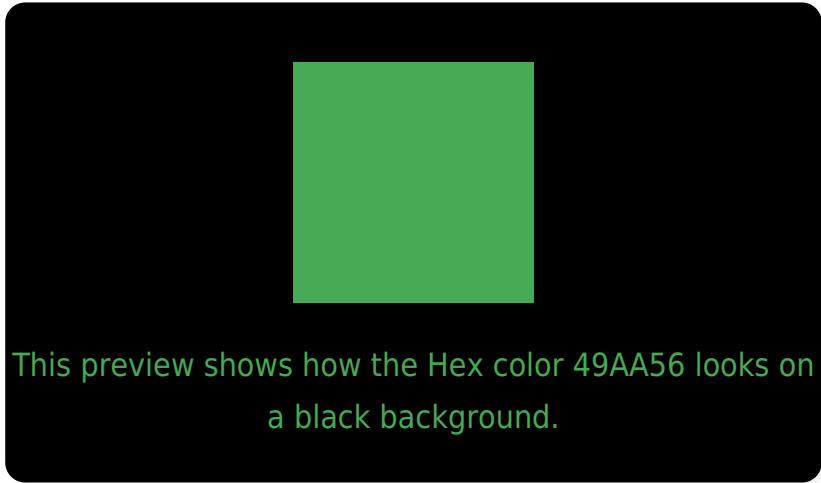
Large Text (above 18pt) WCAG AA × Fail

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

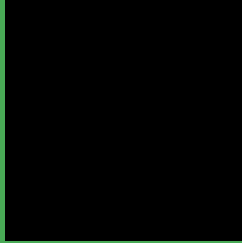
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 49AA56 Background



This preview shows how black text looks on a background with the Hex color 49AA56.

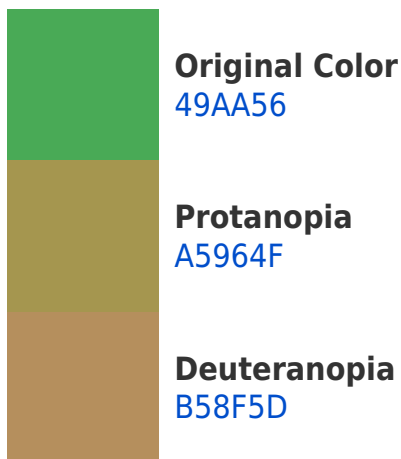


This preview shows how white text looks on a background with the Hex color 49AA56.

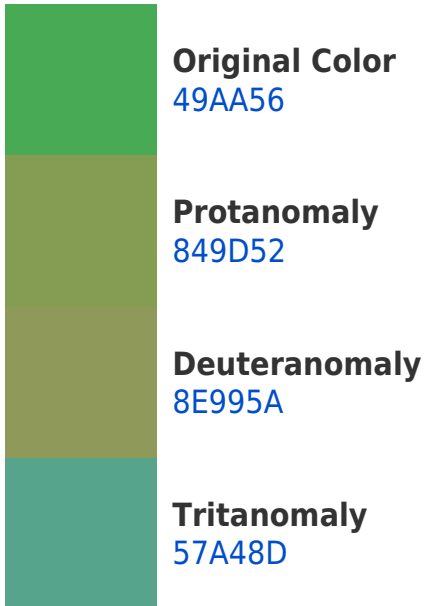
Color Blindness Simulation

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](#).

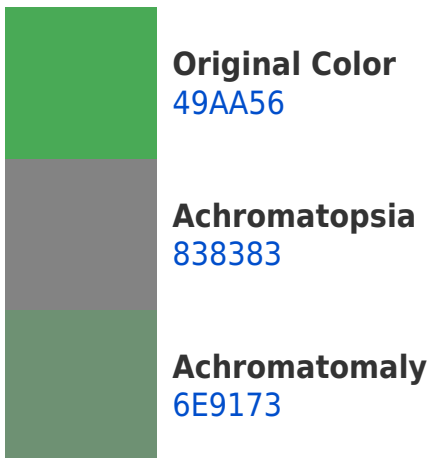
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49AA56 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 #49AA56 looks like.

```
.text, #text, p{  
    color:#49AA56  
}
```

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 #49AA56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49AA56
}
```

Border

The CSS property to change the border of an element to Hex 49AA56 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
#49AA56 }
```

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

```
.border{ border-color:#49AA56 }
```

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

Here you see how a box with a 4 pixel #49AA56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49AA56; -webkit-box-shadow:4px 4px  
4px 4px #49AA56; box-shadow:4px 4px 4px  
4px #49AA56 }
```

Background

The CSS property to change the background color of an element to Hex 49AA56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49AA56 }
```

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

```
.background{ background-color:#49AA56 }
```

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