

Converting Colors

Hex(49AD51)

Have a look what the booklet for
Hex(49AD51) contains.

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Color

Hex(49AD51)

Conversions

Conversions Part 1

Format	Color
Hex	49AD51
RGB	73, 173, 81
RGB Percent	29%, 68%, 32%
CMY	0.7137, 0.3216, 0.6824
CMYK	0.58, 0.00, 0.53, 0.32
HSL	125°, 41%, 48%
HSV	125°, 58%, 68%
XYZ	19.1764, 31.8977, 12.9307
YIQ	132.6120, -30.0680, -49.8120

Conversions

Conversions Part 2

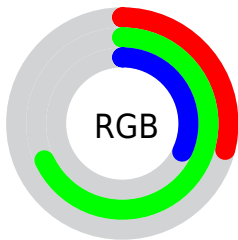
Format	Color
RYB	73, 166, 173
Decimal	4828497
CIELab	63.26, -48.37, 38.35
CIELCh	63, 61.729, 141.597
Yxy	31.8977, 0.2996, 0.4984
Android (android.graphics.Color)	4283018577 (0xFF49AD51)
YUV	132.6120, -25.4447, -52.2797
Hunter-Lab	56.4780, -38.2291, 25.9601

Details

The Hex color **49AD51** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AD49A5**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **82E584**, and **00781F** is the 20% darker color. If you saturate the color by 10%, you get **38AD41**, and if you desaturate by 10%, it is **5AAD61**.

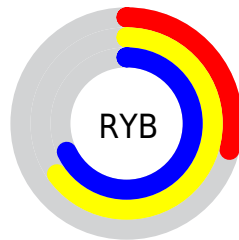
Distribution



Red (29%)

Green (68%)

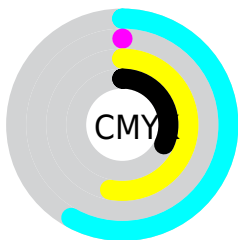
Blue (32%)



Red (29%)

Yellow (65%)

Blue (68%)

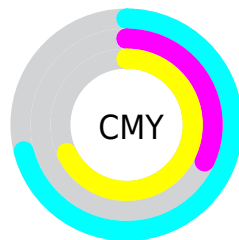


Cyan (58%)

Magenta (0%)

Yellow (53%)

Black (32%)



Cyan (71%)

Magenta (32%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49AD51 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 49AD51 by changing the saturation by 10% instead.

 49AD51

 49AD51

FFFFFF

 299238

 82E584

 00781F

 9FFF9F

 005E03

 BCFFBB

 004500

 D9FFD7

 002F00

 F6FFF3

 001400

 000000

 49AD51

 49AD51

 38AD41

 5AAD61

 26AD31

 6CAD71

 15AD21

 7DAD81

 04AD11

 8EAD91

 00AD0E

 A0ADA1

 B1ADB0

 C2ADC0

 D3ADD0

 E5ADE0

Harmonies

Analogous

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



8FA227



49AD51



00B287

Triad

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



49AD51



00A4FF



FC6874

Complementary

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



49AD51



AD49A5

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.



F567AB



49AD51



7D91FF

Square

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



49AD51



00AFEE



CD79DE



E97B44

Rectangle

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



49AD51



00B3AE



CD79DE



FD6586

Sweetspot

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



49AD51



BAE0BD



A6AD49



5A705C



F0F0F0



707070

Same Dimension

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



49AD51



46E052



49AD82



4E574F



00960C



001702

Inverse Universe

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



AD49A5



E046D4



AD4974



574E56



96008A



170015

Previews

White Background



This preview shows how the Hex color 49AD51 looks on a white background.

Color Contrast Check

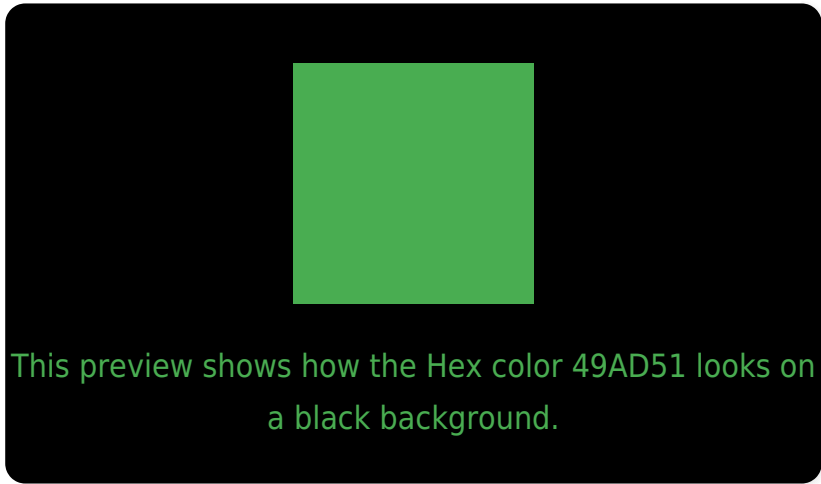
Large Text (above 18pt) WCAG AA × Fail

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

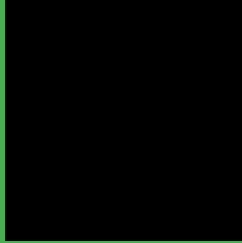
Any Text WCAG AA ✓ Pass

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 49AD51 Background



This preview shows how black text looks on a background with the Hex color 49AD51.

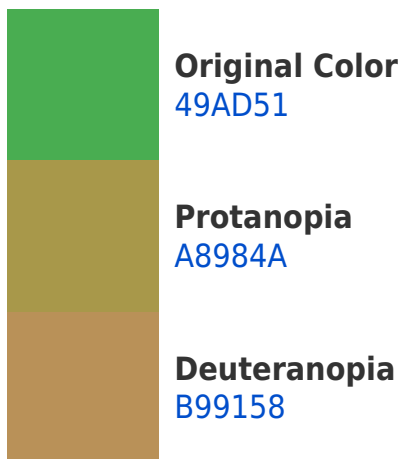


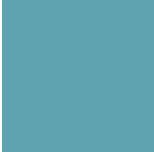
This preview shows how white text looks on a background with the Hex color 49AD51.

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
60A3B0

Trichromacy



Original Color
49AD51



Protanomaly
85A04D



Deuteranomaly
909B55



Tritanomaly
58A78D

Monochromacy



Original Color
49AD51



Achromatopsia
858585



Achromatomaly
6F9472

CSS Examples

Text

The CSS property to change the color of the text to Hex 49AD51 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 #49AD51 looks like.

```
.text, #text, p{  
    color:#49AD51  
}
```

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 #49AD51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49AD51
}
```

Border

The CSS property to change the border of an element to Hex 49AD51 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
#49AD51 }
```

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

```
.border{ border-color:#49AD51 }
```

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

Here you see how a box with a 4 pixel #49AD51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49AD51; -webkit-box-shadow:4px 4px  
4px 4px #49AD51; box-shadow:4px 4px 4px  
4px #49AD51 }
```

Background

The CSS property to change the background color of an element to Hex 49AD51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49AD51 }
```

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

```
.background{ background-color:#49AD51 }
```

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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