

Converting Colors

Hex(4ACE55)

Have a look what the booklet for
Hex(4ACE55) contains.

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Color

Hex(4ACE55)

Conversions

Conversions Part 1

Format	Color
Hex	4ACE55
RGB	74, 206, 85
RGB Percent	29%, 81%, 33%
CMY	0.7098, 0.1922, 0.6667
CMYK	0.64, 0.00, 0.59, 0.19
HSL	125°, 57%, 55%
HSV	125°, 64%, 81%
XYZ	26.5350, 46.2543, 16.1238
YIQ	152.7380, -39.8310, -65.6150

Conversions

Conversions Part 2

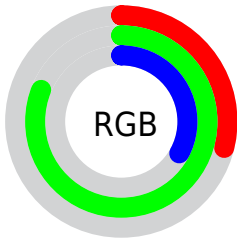
Format	Color
RYB	74, 196, 206
Decimal	4902485
CIELab	73.71, -59.90, 48.86
CIELCh	74, 77.298, 140.793
Yxy	46.2543, 0.2984, 0.5202
Android (android.graphics.Color)	4283092565 (0xFF4ACE55)
YUV	152.7380, -33.3948, -69.0532
Hunter-Lab	68.0105, -49.3748, 33.5511

Details

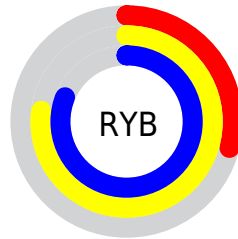
The Hex color **4ACE55** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **CE4AC3**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **88FF8A**, and **00961F** is the 20% darker color. If you saturate the color by 10%, you get **35CE42**, and if you desaturate by 10%, it is **5FCE68**.

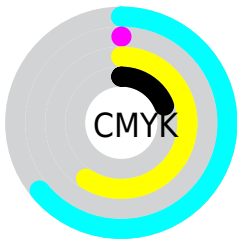
Distribution



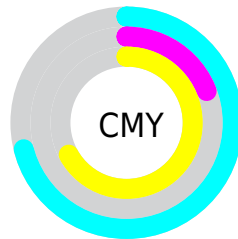
- Red (29%)
- Green (81%)
- Blue (33%)



- Red (29%)
- Yellow (77%)
- Blue (81%)



- Cyan (64%)
- Magenta (0%)
- Yellow (59%)
- Black (19%)



- Cyan (71%)
- Magenta (19%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ACE55 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 4ACE55 by changing the saturation by 10% instead.

 4ACE55

 4ACE55

FFFFFF

 23B23B

 88FF8A

 00961F

 A6FFA5

 007C00

 C4FFC1

 006100

 E2FFDE

 004800

 FFFFFB

 003200

 001500


 000000

 4ACE55

 4ACE55

 35CE42

 5FCE68

 21CE2F

 73CE7B

 0CCE1C

 88CE8E

 00CE11

 9CCEA1

 B1CEB3

 C6CEC6

 DACED9

 EFCEEC

 FFCEFF

Harmonies

Analogous

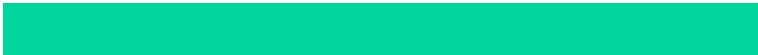
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8C011



4ACE55



00D59C

Triad

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



4ACE55



00C4FF



FF7287

Complementary

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



4ACE55



CE4AC3

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.



FF70CE



4ACE55



88ACFF

Square

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



4ACE55



00D1FF



F58BFF



FF8C47

Rectangle

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



4ACE55



00D6CE



F58BFF



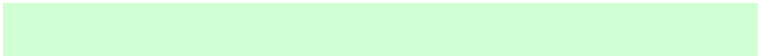
FF6D9E

Sweetspot

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



4ACE55



CFFFD3



C3CE4A



628065



000000



808080

Same Dimension

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



4ACE55



3BFF4B



4ACE97



5C665D



00A60E



002603

Inverse Universe

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



CE4AC3



FF3BEF



CE4A81



665C65



A60098



260023

Previews

White Background



This preview shows how the Hex color 4ACE55 looks on a white background.

Color Contrast Check

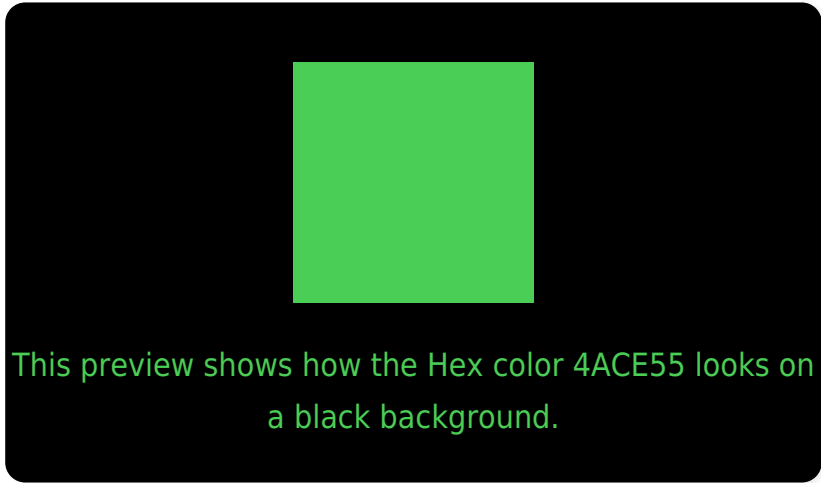
Large Text (above 18pt) WCAG AA × Fail

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

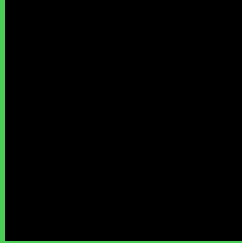
Any Text WCAG AA ✓ Pass

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 4ACE55 Background



This preview shows how black text looks on a background with the Hex color 4ACE55.

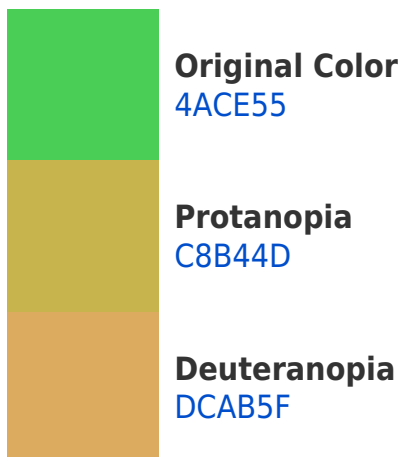


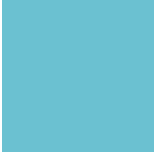
This preview shows how white text looks on a background with the Hex color 4ACE55.

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
6BC1D1

Trichromacy



Original Color
4ACE55



Protanomaly
9ABD50



Deuteranomaly
A7B85B



Tritanomaly
5FC6A4

Monochromacy



Original Color
4ACE55



Achromatopsia
999999



Achromatomaly
7CAC80

CSS Examples

Text

The CSS property to change the color of the text to Hex 4ACE55 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 #4ACE55 looks like.

```
.text, #text, p{  
    color:#4ACE55  
}
```

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 #4ACE55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ACE55
}
```

Border

The CSS property to change the border of an element to Hex 4ACE55 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
#4ACE55 }
```

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

```
.border{ border-color:#4ACE55 }
```

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

Here you see how a box with a 4 pixel #4ACE55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ACE55; -webkit-box-shadow:4px 4px  
4px 4px #4ACE55; box-shadow:4px 4px 4px  
4px #4ACE55 }
```

Background

The CSS property to change the background color of an element to Hex 4ACE55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ACE55 }
```

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

```
.background{ background-color:#4ACE55 }
```

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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