

Converting Colors

Hex(4AE862)

Have a look what the booklet for
Hex(4AE862) contains.

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Color

Hex(4AE862)

Conversions

Conversions Part 1

Format	Color
Hex	4AE862
RGB	74, 232, 98
RGB Percent	29%, 91%, 38%
CMY	0.7098, 0.0902, 0.6157
CMYK	0.68, 0.00, 0.58, 0.09
HSL	129°, 77%, 60%
HSV	129°, 68%, 91%
XYZ	33.8853, 60.0509, 21.3603
YIQ	169.4820, -51.1540, -75.1700

Conversions

Conversions Part 2

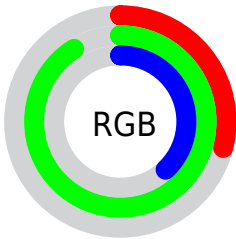
Format	Color
RYB	74, 211, 232
Decimal	4909154
CIELab	81.87, -67.30, 52.52
CIELCh	82, 85.369, 142.030
Yxy	60.0509, 0.2939, 0.5208
Android (android.graphics.Color)	4283099234 (0xFF4AE862)
YUV	169.4820, -35.2406, -83.7377
Hunter-Lab	77.4925, -57.5590, 37.9019

Details

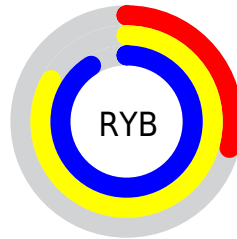
The Hex color **4AE862** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **E84AD0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8DFF98**, and **00AF2C** is the 20% darker color. If you saturate the color by 10%, you get **33E84E**, and if you desaturate by 10%, it is **61E876**.

Distribution



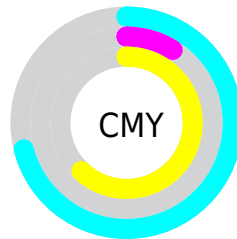
- Red (29%)
- Green (91%)
- Blue (38%)



- Red (29%)
- Yellow (83%)
- Blue (91%)



- Cyan (68%)
- Magenta (0%)
- Yellow (58%)
- Black (9%)



- Cyan (71%)
- Magenta (9%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AE862 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 4AE862 by changing the saturation by 10% instead.

 4AE862

FFFFFF

 8DFF98

 ACFFB4

 CBFFD0

 E9FFED

 4AE862

 1ACB47

 00AF2C

 009308

 007800

 005E00

 004500

 002D00

 000D00

 000000

 4AE862

 4AE862

 33E84E

 61E876

 1CE83B

 78E889

 04E827

 90E89D

 00E823

 A7E8B1

 BEE8C4

 D5E8D8

 ECE8EC

 FFE8FF

Harmonies

Analogous

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



B9D912



4AE862



00EFB3

Triad

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



4AE862



00DBFF



FF8095

Complementary

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



4AE862



E84AD0

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.



FF7CE4



4AE862



9FBFFF

Square

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



4AE862



00EBFF



FF9AFF



FF9F4C

Rectangle

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



4AE862



00F1EB



FF9AFF



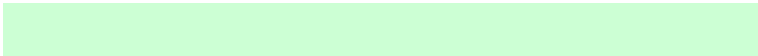
FF7AAF

Sweetspot

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



4AE862



CCFFD4



D0E84A



618066



000000



808080

Same Dimension

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



4AE862



2EFF4E



4AE8B1



677369



00B31B



003308

Inverse Universe

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



E84AD0



FF2EDF



E84A81



736771



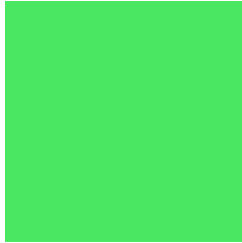
B30097



33002B

Previews

White Background



This preview shows how the Hex color 4AE862 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



This preview shows how the Hex color 4AE862 looks on a 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 4AE862 Background



This preview shows how black text looks on a background with the Hex color 4AE862.

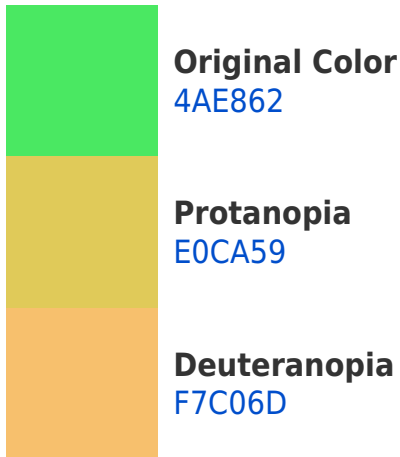


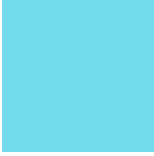
This preview shows how white text looks on a background with the Hex color 4AE862.

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
72DAEB

Trichromacy



Original Color

4AE862



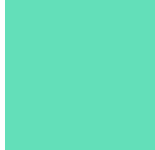
Protanomaly

A9D55C



Deuteranomaly

B8CF69



Tritanomaly

63DFB9

Monochromacy



Original Color

4AE862



Achromatopsia

A9A9A9



Achromatomaly

86C08F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AE862 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 #4AE862 looks like.

```
.text, #text, p{  
    color:#4AE862  
}
```

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 #4AE862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AE862
}
```

Border

The CSS property to change the border of an element to Hex 4AE862 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
#4AE862 }
```

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

```
.border{ border-color:#4AE862 }
```

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

Here you see how a box with a 4 pixel #4AE862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AE862; -webkit-box-shadow:4px 4px  
4px 4px #4AE862; box-shadow:4px 4px 4px  
4px #4AE862 }
```

Background

The CSS property to change the background color of an element to Hex 4AE862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AE862 }
```

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

```
.background{ background-color:#4AE862 }
```

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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