

Converting Colors

Hex(4AF563)

Have a look what the booklet for
Hex(4AF563) contains.

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Color

Hex(4AF563)

Conversions

Conversions Part 1

Format	Color
Hex	4AF563
RGB	74, 245, 99
RGB Percent	29%, 96%, 39%
CMY	0.7098, 0.0392, 0.6118
CMYK	0.70, 0.00, 0.60, 0.04
HSL	129°, 90%, 63%
HSV	129°, 70%, 96%
XYZ	37.7286, 67.6615, 22.8759
YIQ	177.2270, -55.0500, -81.6580

Conversions

Conversions Part 2

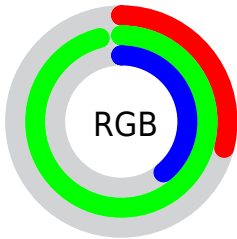
Format	Color
RYB	74, 223, 245
Decimal	4912483
CIELab	85.84, -71.49, 56.68
CIELCh	86, 91.235, 141.589
Yxy	67.6615, 0.2941, 0.5275
Android (android.graphics.Color)	4283102563 (0xFF4AF563)
YUV	177.2270, -38.5659, -90.5301
Hunter-Lab	82.2566, -62.0766, 41.0909

Details

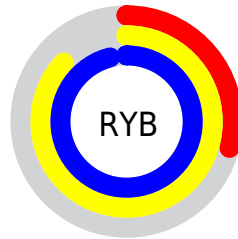
The Hex color **4AF563** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **F54ADC**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8FFF9A**, and **00BB2B** is the 20% darker color. If you saturate the color by 10%, you get **31F54E**, and if you desaturate by 10%, it is **62F578**.

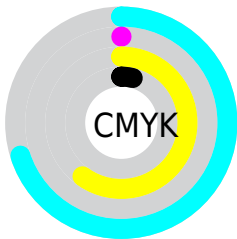
Distribution



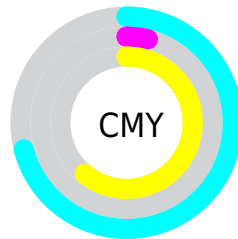
- Red (29%)
- Green (96%)
- Blue (39%)



- Red (29%)
- Yellow (87%)
- Blue (96%)



- Cyan (70%)
- Magenta (0%)
- Yellow (60%)
- Black (4%)



- Cyan (71%)
- Magenta (4%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AF563 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 4AF563 by changing the saturation by 10% instead.

 4AF563

 4AF563


FFFFFF

 14D848

 8FFF9A

 00BB2B

 AFFFFB6

 009F03

 CEFFD2

 008400

 EDFFF0

 006900

 004F00

 003700

 001D00

 000000

 4AF563

 4AF563

 31F54E

 62F578

 19F539

 7BF58D

 00F524

 93F5A2

 ACF5B7

 C4F5CC

 DDF5E1

 F6F5F5

 FFF5FF

Harmonies

Analogous

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



C4E500



4AF563



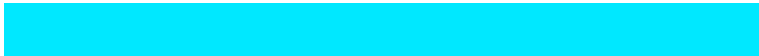
00FDBB

Triad

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



4AF563



00E8FF



FF839D

Complementary

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



4AF563



F54ADC

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.



FF80F3



4AF563



A2CAFF

Square

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



4AF563



00F8FF



FFA2FF



FFA54E

Rectangle

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



4AF563



00FFF7



FFA2FF



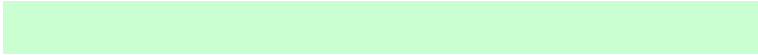
FF7DB9

Sweetspot

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



4AF563



C9FFD1



DEF54A



608064



000000



808080

Same Dimension

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



4AF563



29FF48



4AF5B6



6E7A70



00BA1B



003B09

Inverse Universe

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



F54ADC



FF29E0



F54A89



7A6E79



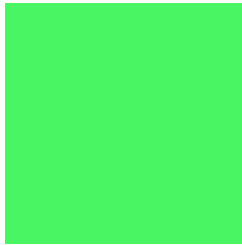
BA009F



3B0032

Previews

White Background



This preview shows how the Hex color 4AF563 looks on a white background.

Color Contrast Check

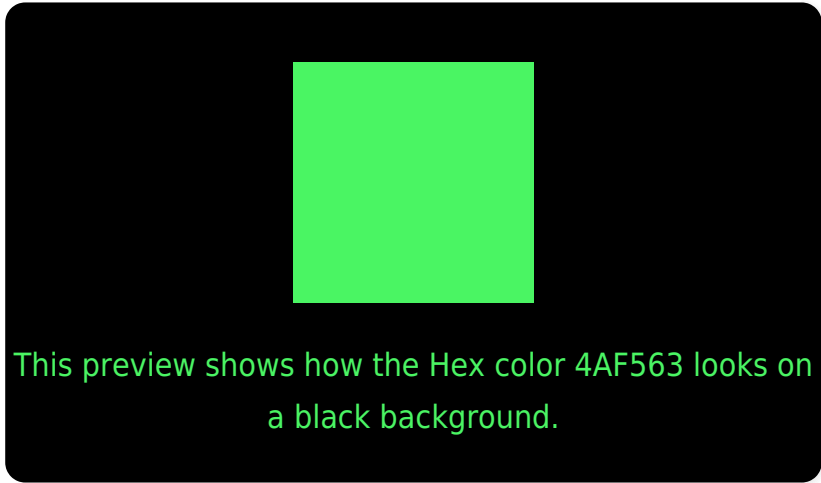
Large Text (above 18pt) WCAG AA × Fail

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 4AF563 Background



This preview shows how black text looks on a background with the Hex color 4AF563.

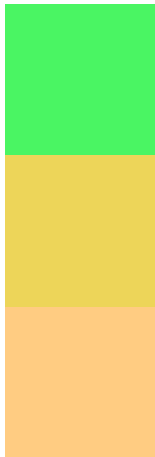


This preview shows how white text looks on a background with the Hex color 4AF563.

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](#).

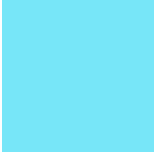
Dichromacy



Original Color
4AF563

Protanopia
EED559

Deuteranopia
F8C882



Tritanopia
77E6F8

Trichromacy



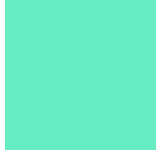
Original Color
4AF563



Protanomaly
B2E15D

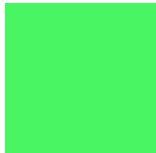


Deuteranomaly
BDDB77

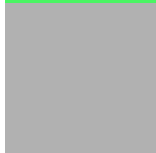


Tritanomaly
67EBC2

Monochromacy



Original Color
4AF563



Achromatopsia
B1B1B1



Achromatomaly
8CCA95

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AF563 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 #4AF563 looks like.

```
.text, #text, p{  
    color:#4AF563  
}
```

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 #4AF563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AF563
}
```

Border

The CSS property to change the border of an element to Hex 4AF563 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
#4AF563 }
```

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

```
.border{ border-color:#4AF563 }
```

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

Here you see how a box with a 4 pixel #4AF563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AF563; -webkit-box-shadow:4px 4px  
4px 4px #4AF563; box-shadow:4px 4px 4px  
4px #4AF563 }
```

Background

The CSS property to change the background color of an element to Hex 4AF563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AF563 }
```

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

```
.background{ background-color:#4AF563 }
```

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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