

# Converting Colors

Hex(4AF65B)

Have a look what the booklet for  
Hex(4AF65B) contains.

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# Color

Hex(4AF65B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4AF65B
RGB	74, 246, 91
RGB Percent	29%, 96%, 36%
CMY	0.7098, 0.0353, 0.6431
CMYK	0.70, 0.00, 0.63, 0.04
HSL	126°, 91%, 63%
HSV	126°, 70%, 96%
XYZ	37.6681, 68.1227, 21.0612
YIQ	176.9020, -52.7570, -84.6690

# Conversions

## Conversions Part 2

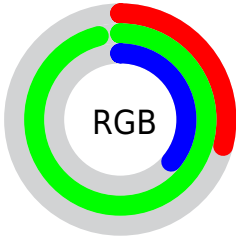
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 231, 246
Decimal	4912731
CIELab	86.07, -72.68, 60.31
CIELCh	86, 94.446, 140.313
Yxy	68.1227, 0.2969, 0.5370
Android (android.graphics.Color)	4283102811 (0xFF4AF65B)
YUV	176.9020, -42.3497, -90.2451
Hunter-Lab	82.5365, -62.9747, 42.6462

# Details

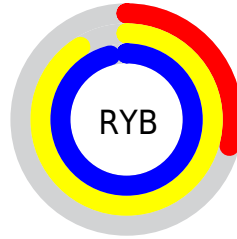
The Hex color **4AF65B** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **F64AE5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **90FF92**, and **00BC20** is the 20% darker color. If you saturate the color by 10%, you get **31F645**, and if you desaturate by 10%, it is **63F671**.

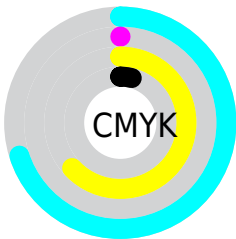
# Distribution



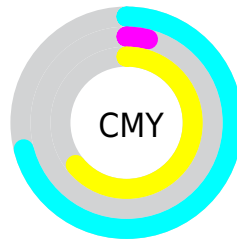
- Red (29%)
- Green (96%)
- Blue (36%)



- Red (29%)
- Yellow (91%)
- Blue (96%)



- Cyan (70%)
- Magenta (0%)
- Yellow (63%)
- Black (4%)



- Cyan (71%)
- Magenta (4%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AF65B 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 4AF65B by changing the saturation by 10% instead.



 4AF65B

 4AF65B

FFFFFF

 12D93F

 90FF92

 00BC20

 AFFFAE

 00A000

 CFFFCB

 008500

 EEFFE8

 006A00

 005000

 003800

 001D00

 000000

 4AF65B

 4AF65B

 31F645

 63F671

 19F62F

 7BF687

 00F618

 94F69E

 ACF6B4

 C5F6CA

 DEF6E0

 F6F6F6

 FFF6FF

# Harmonies

## Analogous

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



C7E500



4AF65B



00FEB6

# Triad

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



4AF65B



00EAFB



FF7D9F

# Complementary

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



4AF65B



F64AE5

# Split Complementary

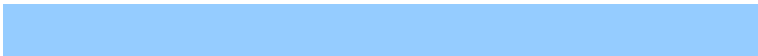
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7CF8



4AF65B



95CCFF

# Square

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



4AF65B



00FBFF



FFA2FF



FFA24C

# Rectangle

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



4AF65B



00FFF5



FFA2FF



FF77BC

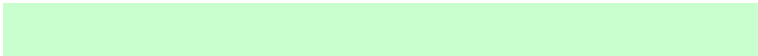


# Sweetspot

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



4AF65B



C9FFCF



E8F64A



608063



000000



808080



# Same Dimension

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



4AF65B



29FF3E



4AF6AE



6E7A6F



00BA12



003B06



# Inverse Universe

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



F64AE5



FF29EA



F64A92



7A6E79



BA00A8

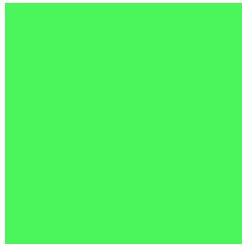


3B0035



# Previews

## White Background



This preview shows how the Hex color 4AF65B 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 4AF65B 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

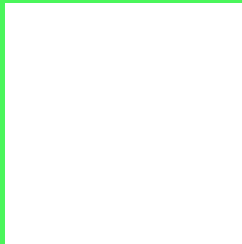
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4AF65B Background



This preview shows how black text looks on a background with the Hex color 4AF65B.

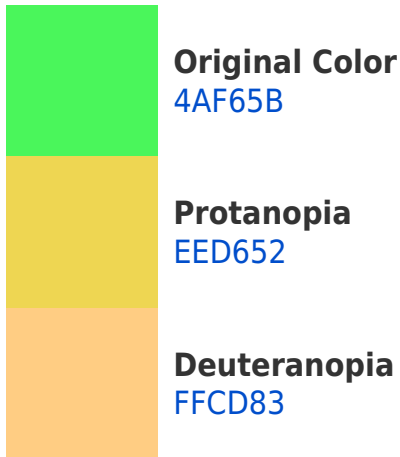


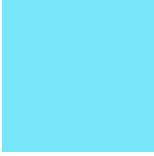
This preview shows how white text looks on a background with the Hex color 4AF65B.

# 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](#).

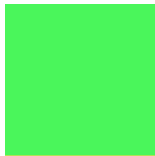
## Dichromacy





**Tritanopia**  
78E6F9

# Trichromacy



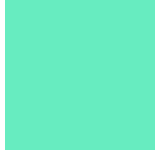
**Original Color**  
4AF65B



**Protanomaly**  
B2E255



**Deuteranomaly**  
BDDC74

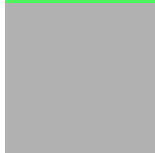


**Tritanomaly**  
67ECC0

# Monochromacy



**Original Color**  
4AF65B



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
8CCA92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AF65B 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 #4AF65B looks like.

```
.text, #text, p{  
    color:#4AF65B  
}
```

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 #4AF65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AF65B
}
```

## Border

The CSS property to change the border of an element to Hex 4AF65B 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
#4AF65B }
```

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

```
.border{ border-color:#4AF65B }
```

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

Here you see how a box with a 4 pixel #4AF65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AF65B; -webkit-box-shadow:4px 4px  
4px 4px #4AF65B; box-shadow:4px 4px 4px  
4px #4AF65B }
```

# Background

The CSS property to change the background color of an element to Hex 4AF65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AF65B }
```

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

```
.background{ background-color:#4AF65B }
```

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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