

Converting Colors

Hex(4EAF5B)

Have a look what the booklet for
Hex(4EAF5B) contains.

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Color

Hex(4EAF5B)

Conversions

Conversions Part 1

Format	Color
Hex	4EAF5B
RGB	78, 175, 91
RGB Percent	31%, 69%, 36%
CMY	0.6941, 0.3137, 0.6431
CMYK	0.55, 0.00, 0.48, 0.31
HSL	128°, 38%, 50%
HSV	128°, 55%, 69%
XYZ	20.3602, 33.0350, 15.2008
YIQ	136.4210, -30.8480, -46.6880

Conversions

Conversions Part 2

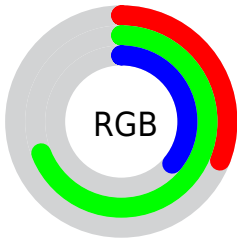
Format	Color
RYB	78, 164, 175
Decimal	5156699
CIELab	64.19, -46.47, 34.50
CIELCh	64, 57.882, 143.408
Yxy	33.0350, 0.2968, 0.4816
Android (android.graphics.Color)	4283346779 (0xFF4EAF5B)
YUV	136.4210, -22.3926, -51.2352
Hunter-Lab	57.4761, -37.3517, 24.5527

Details

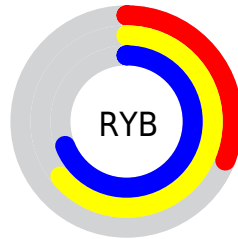
The Hex color **4EAF5B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AF4EA2**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **87E78F**, and **02792A** is the 20% darker color. If you saturate the color by 10%, you get **3CAF4C**, and if you desaturate by 10%, it is **60AF6A**.

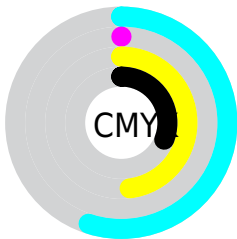
Distribution



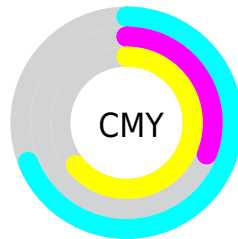
- Red (31%)
- Green (69%)
- Blue (36%)



- Red (31%)
- Yellow (64%)
- Blue (69%)



- Cyan (55%)
- Magenta (0%)
- Yellow (48%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EAF5B 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 4EAF5B by changing the saturation by 10% instead.



4EAF5B



4EAF5B

FFFFFF



309442



87E78F



02792A



A3FFA9



006011



C0FFC5



004700



D0FFE1



003000



FAFFFE



001700



000000



4EAF5B



4EAF5B



3CAF4C



60AF6A

 2BAF3D

 71AF79

 19AF2E

 83AF88

 08AF1E

 94AF98

 00AF17

 A6AFA7

 B7AFB6

 C9AFC5

 DAAFD4

 EBAFE3

Harmonies

Analogous

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



90A535



4EAF5B



00B48E

Triad

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



4EAF5B



00A5FF



F97076

Complementary

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



4EAF5B



AF4EA2

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.



F36DA9



4EAF5B



8993FB

Square

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



4EAF5B



00B0EE



D07DDA



E68149

Rectangle

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



4EAF5B



00B5B2



D07DDA



FB6D86

Sweetspot

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



4EAF5B



BCE3C2



A2AF4E



5C735F



F2F2F2



737373

Same Dimension

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



4EAF5B



4BE35F



4EAF8B



4E574F



009614



001703

Inverse Universe

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



AF4EA2



E34BCF



AF4E72



574E56



960082



170014

Previews

White Background



This preview shows how the Hex color 4EAF5B looks on a white background.

Color Contrast Check

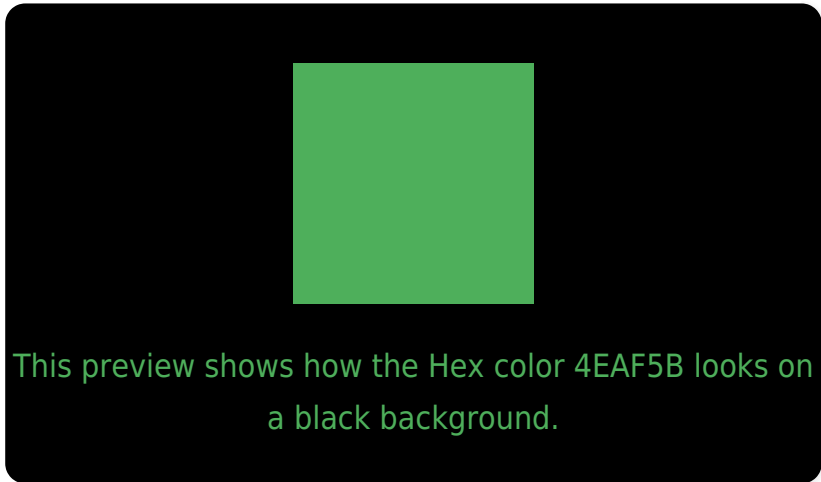
Large Text (above 18pt) WCAG AA × Fail

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

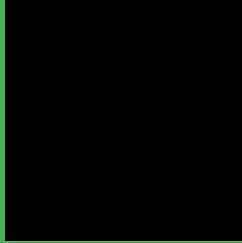
Any Text WCAG AA ✓ Pass

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 4EAF5B Background



This preview shows how black text looks on a background with the Hex color 4EAF5B.

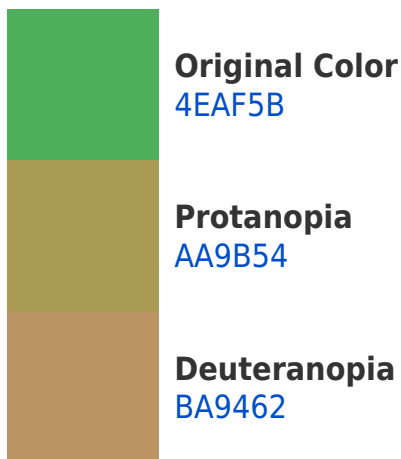


This preview shows how white text looks on a background with the Hex color 4EAF5B.

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](#).

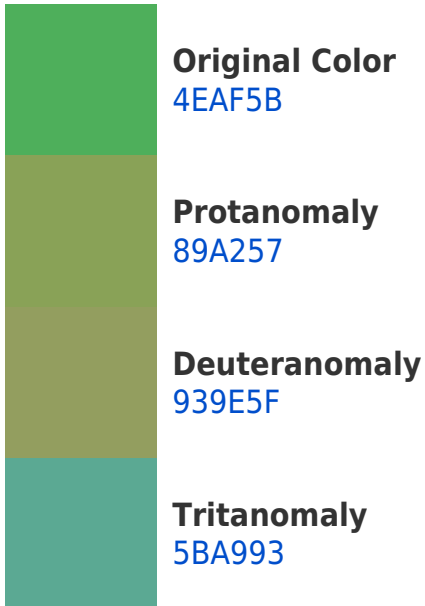
Dichromacy





Tritanopia
63A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EAF5B 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 #4EAF5B looks like.

```
.text, #text, p{  
    color:#4EAF5B  
}
```

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 #4EAF5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAF5B  
}
```

Border

The CSS property to change the border of an element to Hex 4EAF5B 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  
#4EAF5B }
```

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

```
.border{ border-color:#4EAF5B }
```

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

Here you see how a box with a 4 pixel #4EAF5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAF5B; -webkit-box-shadow:4px 4px  
4px 4px #4EAF5B; box-shadow:4px 4px 4px  
4px #4EAF5B }
```

Background

The CSS property to change the background color of an element to Hex 4EAF5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAF5B }
```

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

```
.background{ background-color:#4EAF5B }
```

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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