

# Converting Colors

Hex(4EB755)

Have a look what the booklet for  
Hex(4EB755) contains.

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# **Color**

**Hex(4EB755)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4EB755                       |
| RGB         | 78, 183, 85                  |
| RGB Percent | 31%, 72%, 33%                |
| CMY         | 0.6941, 0.2824, 0.6667       |
| CMYK        | 0.57, 0.00, 0.54, 0.28       |
| HSL         | 124°, 42%, 51%               |
| HSV         | 124°, 57%, 72%               |
| XYZ         | 21.7151, 36.1426, 14.4260    |
| YIQ         | 140.4330, -31.1220, -52.7380 |

# Conversions

## Conversions Part 2

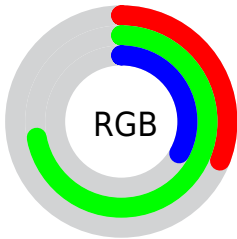
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 78, 176, 183                    |
| Decimal                             | 5158741                         |
| CIELab                              | 66.63, -50.49, 40.50            |
| CIELCh                              | 67, 64.732, 141.265             |
| Yxy                                 | 36.1426, 0.3004,<br>0.5000      |
| Android<br>(android.graphics.Color) | 4283348821<br>(0xFF4EB755)      |
| YUV                                 | 140.4330, -27.3285,<br>-54.7537 |
| Hunter-Lab                          | 60.1187, -40.7329,<br>27.8559   |

# Details

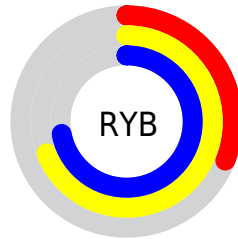
The Hex color **4EB755** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B74EB0**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **88F089**, and **008123** is the 20% darker color. If you saturate the color by 10%, you get **3CB744**, and if you desaturate by 10%, it is **60B766**.

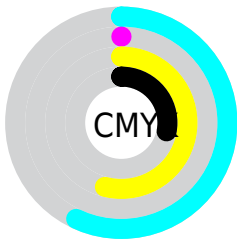
# Distribution



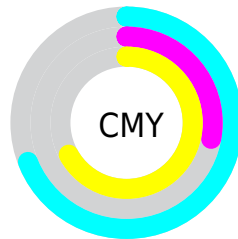
- Red (31%)
- Green (72%)
- Blue (33%)



- Red (31%)
- Yellow (69%)
- Blue (72%)



- Cyan (57%)
- Magenta (0%)
- Yellow (54%)
- Black (28%)



- Cyan (69%)
- Magenta (28%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EB755 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 4EB755 by changing the saturation by 10% instead.



 4EB755

 4EB755

FFFFFF

 2E9C3C

 88F089

 008123

 A5FFA4

 006705

 C2FFBF

 004E00

 DFFFFC

 003600

 FDFFF9

 001F00

 000000

 4EB755

 4EB755

 3CB744

 60B766

 29B733

 73B777

 17B722

 85B788

 05B711

 97B799

 00B70C

 AAB7AA

 BCB7BB

 CEB7CD

 E0B7DE

 F3B7EF

# Harmonies

## Analogous

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



98AB28



4EB755



00BD8E

# Triad

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



4EB755



00AEFF



FF6E7B

# Complementary

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



4EB755



B74EB0

# 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.



FF6DB6



4EB755



839AFF

# Square

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



4EB755



00B9FC



D880EC



F78248

# Rectangle

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



4EB755



00BEB7



D880EC



FF6B8E



# Sweetspot

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



4EB755



C5EDC8



B0B74E



607861



F7F7F7



787878



# Same Dimension

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



4EB755



4AED54



4EB789



535C53



009C0A



001C02



# Inverse Universe

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



B74EB0



ED4AE2



B74E7C



5C535B



9C0091



1C001A



# Previews

## White Background



This preview shows how the Hex color 4EB755 looks on a white background.

## Color Contrast Check

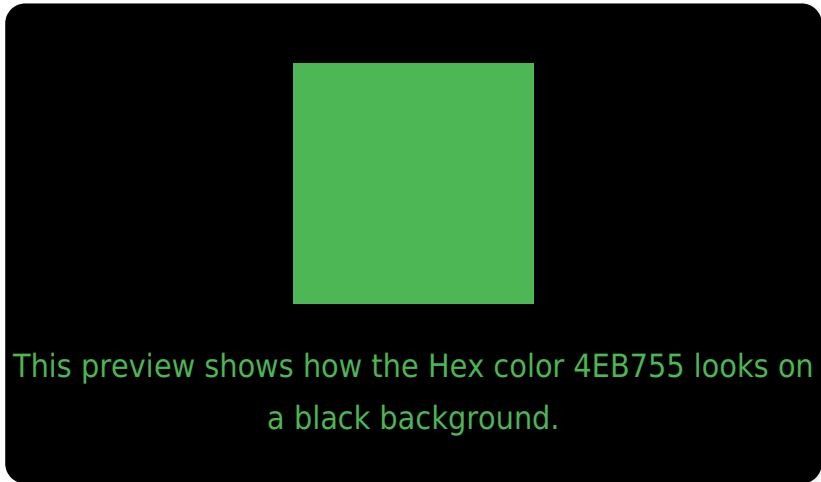
Large Text (above 18pt) WCAG AA × Fail

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

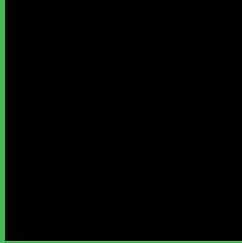
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4EB755 Background



This preview shows how black text looks on a background with the Hex color 4EB755.

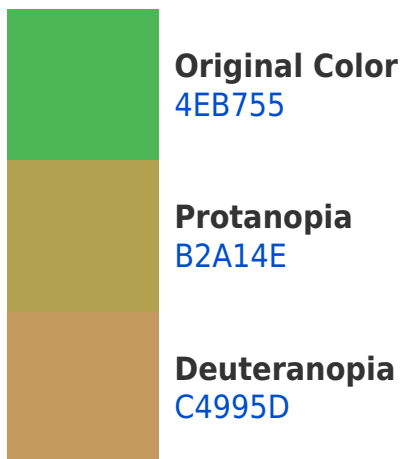


This preview shows how white text looks on a background with the Hex color 4EB755.

# Color Blindness Simulation

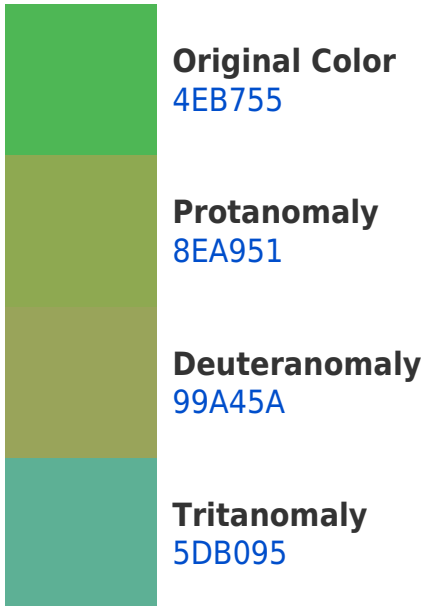
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

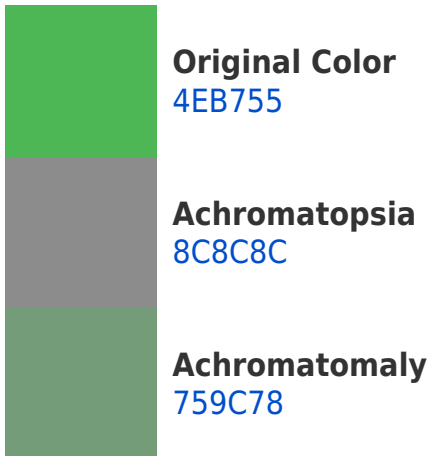




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EB755 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 #4EB755 looks like.

```
.text, #text, p{  
    color:#4EB755  
}
```

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 #4EB755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB755
}
```

## Border

The CSS property to change the border of an element to Hex 4EB755 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
#4EB755 }
```

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

```
.border{ border-color:#4EB755 }
```

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

Here you see how a box with a 4 pixel #4EB755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB755; -webkit-box-shadow:4px 4px  
4px 4px #4EB755; box-shadow:4px 4px 4px  
4px #4EB755 }
```

# Background

The CSS property to change the background color of an element to Hex 4EB755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB755 }
```

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

```
.background{ background-color:#4EB755 }
```

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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