

Converting Colors

Hex(4EC55D)

Have a look what the booklet for
Hex(4EC55D) contains.

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Color

Hex(4EC55D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4EC55D |
| RGB | 78, 197, 93 |
| RGB Percent | 31%, 77%, 36% |
| CMY | 0.6941, 0.2275, 0.6353 |
| CMYK | 0.60, 0.00, 0.53, 0.23 |
| HSL | 128°, 51%, 54% |
| HSV | 128°, 60%, 77% |
| XYZ | 25.0839, 42.3425, 17.2068 |
| YIQ | 149.5630, -37.5400, -57.5720 |

Conversions

Conversions Part 2

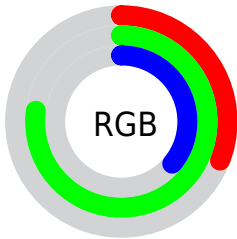
| Format | Color |
|-------------------------------------|--|
| RYB | 78, 184, 197 |
| Decimal | 5162333 |
| CIELab | 71.11, -54.74, 42.05 |
| CIElCh | 71, 69.030, 142.467 |
| Yxy | 42.3425, 0.2964, 0.5003 |
| Android (android.graphics.Color) | 4283352413 (0xFF4EC55D) |
| YUV | 149.5630, -27.8856, -62.7608 |
| Hunter-Lab | 65.0711, -45.0655, 29.8717 |

Details

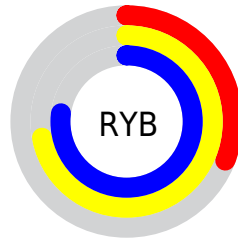
The Hex color **4EC55D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C54EB6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **8AFF91**, and **008E2A** is the 20% darker color. If you saturate the color by 10%, you get **3AC54C**, and if you desaturate by 10%, it is **62C56E**.

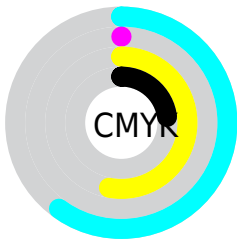
Distribution



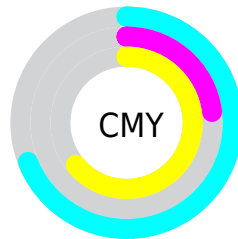
- Red (31%)
- Green (77%)
- Blue (36%)



- Red (31%)
- Yellow (72%)
- Blue (77%)



- Cyan (60%)
- Magenta (0%)
- Yellow (53%)
- Black (23%)



- Cyan (69%)
- Magenta (23%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EC55D 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 4EC55D by changing the saturation by 10% instead.

 4EC55D

 4EC55D

FFFFFF

 2CA944

 8AFF91

 008E2A

 A7FFAD

 00740E

 C5FFC9

 005A00

 E2FFE5

 004100

 002B00

 000800

 000000

 4EC55D

 4EC55D

 3AC54C

 62C56E

 27C53B

 75C57F

 13C529

 89C591

 00C519

 9DC5A2

 B1C5B3

 C4C5C4

 D8C5D6

 ECC5E7

 FFC5F8

Harmonies

Analogous

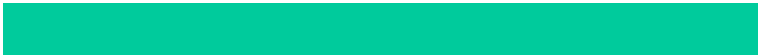
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0B92B



4EC55D



00CB9C

Triad

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



4EC55D



00BAFF



FF7682

Complementary

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



4EC55D



C54EB6

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.



FF73C1



4EC55D



91A4FF

Square

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



4EC55D



00C7FF



EB88FC



FF8C4B

Rectangle

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



4EC55D



00CCC7



EB88FC



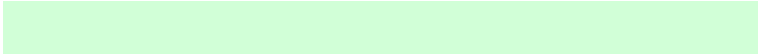
FF7296

Sweetspot

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



4EC55D



D1FFD7



B7C54E



638067



000000



808080

Same Dimension

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



4EC55D



47FF5F



4EC597



5A635B



00A315



002405

Inverse Universe

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



C54EB6



FF47E8



C54E7C



635A62



A3008F



24001F

Previews

White Background



This preview shows how the Hex color 4EC55D looks on a white background.

Color Contrast Check

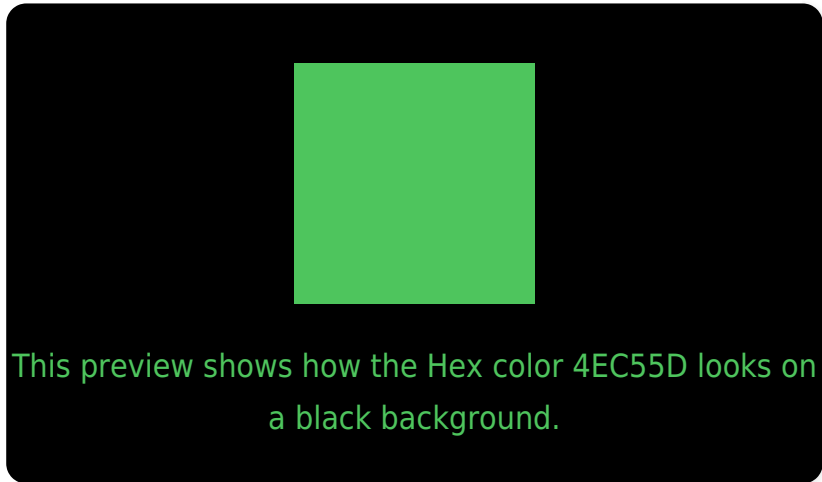
Large Text (above 18pt) WCAG AA × Fail

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

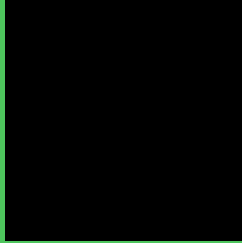
Any Text WCAG AA ✓ Pass

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 4EC55D Background



This preview shows how black text looks on a background with the Hex color 4EC55D.

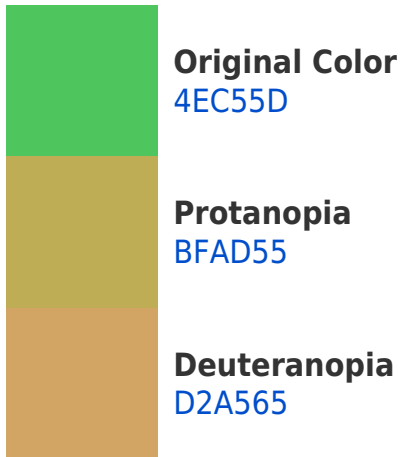


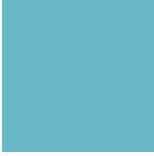
This preview shows how white text looks on a background with the Hex color 4EC55D.

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](#).

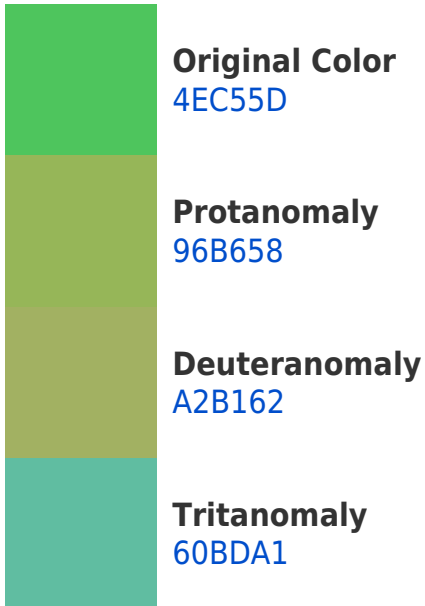
Dichromacy



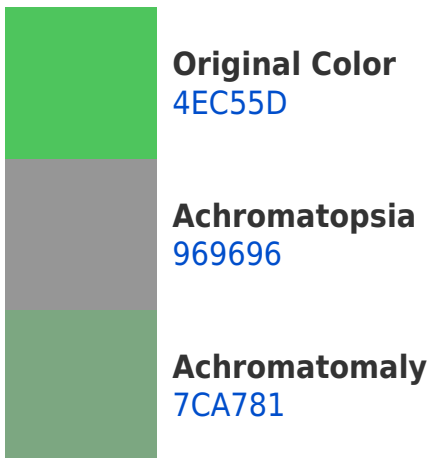


Tritanopia
6AB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EC55D 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 #4EC55D looks like.

```
.text, #text, p{  
    color:#4EC55D  
}
```

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 #4EC55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC55D
}
```

Border

The CSS property to change the border of an element to Hex 4EC55D 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
#4EC55D }
```

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

```
.border{ border-color:#4EC55D }
```

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

Here you see how a box with a 4 pixel #4EC55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC55D; -webkit-box-shadow:4px 4px  
4px 4px #4EC55D; box-shadow:4px 4px 4px  
4px #4EC55D }
```

Background

The CSS property to change the background color of an element to Hex 4EC55D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC55D }
```

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

```
.background{ background-color:#4EC55D }
```

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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