

Converting Colors

Hex(4ECB70)

Have a look what the booklet for
Hex(4ECB70) contains.

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Color

Hex(4ECB70)

Conversions

Conversions Part 1

Format	Color
Hex	4ECB70
RGB	78, 203, 112
RGB Percent	31%, 80%, 44%
CMY	0.6941, 0.2039, 0.5608
CMYK	0.62, 0.00, 0.45, 0.20
HSL	136°, 55%, 55%
HSV	136°, 62%, 80%
XYZ	27.4225, 45.5014, 22.6666
YIQ	155.2510, -45.2890, -54.8010

Conversions

Conversions Part 2

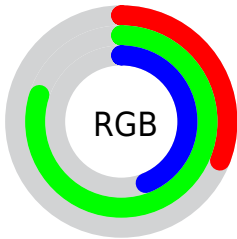
Format	Color
RYB	78, 176, 203
Decimal	5163888
CIELab	73.22, -54.18, 35.30
CIELCh	73, 64.666, 146.919
Yxy	45.5014, 0.2869, 0.4760
Android (android.graphics.Color)	4283353968 (0xFF4ECB70)
YUV	155.2510, -21.3227, -67.7491
Hunter-Lab	67.4547, -45.4800, 27.2953

Details

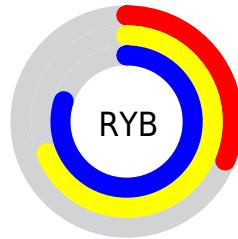
The Hex color **4ECB70** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **CB4EA9**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8AFFA5**, and **00943E** is the 20% darker color. If you saturate the color by 10%, you get **3ACB61**, and if you desaturate by 10%, it is **62CB7F**.

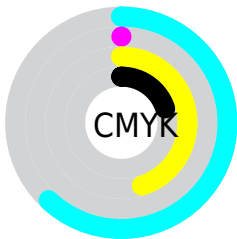
Distribution



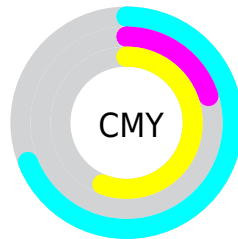
- Red (31%)
- Green (80%)
- Blue (44%)



- Red (31%)
- Yellow (69%)
- Blue (80%)



- Cyan (62%)
- Magenta (0%)
- Yellow (45%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ECB70 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 4ECB70 by changing the saturation by 10% instead.

 4ECB70

 4ECB70

FFFFFF

 2BAF57

 8AFFA5

 00943E

 A8FFC0

 007926

 C5FFDD

 005F0C

 E3FFF9

 004600

 003000

 001300

 000000

 4ECB70

 4ECB70

 3ACB61

 62CB7F

 25CB52

 77CB8E

 11CB44

 8BCB9C

 00CB37

 9FCBAB

 B4CBBA

 C8CBC9

 DCCBD7

 F0CBE6

 FFCBF5

Harmonies

Analogous

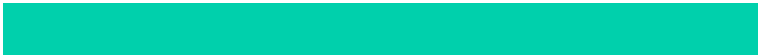
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FC042



4ECB70



00D0AC

Triad

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



4ECB70



00BCFF



FF8382

Complementary

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



4ECB70



CB4EA9

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.



FF7EBC



4ECB70



ABA7FF

Square

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



4ECB70



00CAFF



F68EF5



FF9850

Rectangle

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



4ECB70



00D1D4



F68EF5



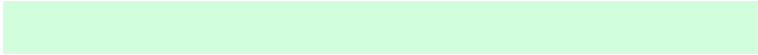
FF7F95

Sweetspot

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



4ECB70



D1FFDE



AACB4E



63806B



000000



808080

Same Dimension

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



4ECB70



42FF76



4ECBAE



5C665F



00A62D



00260A

Inverse Universe

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



CB4EA9



FF42CC



CB4E6B



665C63



A60079



26001C

Previews

White Background



This preview shows how the Hex color 4ECB70 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 4ECB70 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

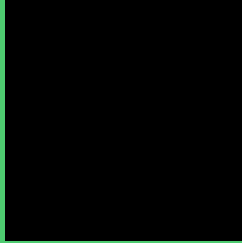
Any Text WCAG AA ✓ Pass

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 4ECB70 Background



This preview shows how black text looks on a background with the Hex color 4ECB70.

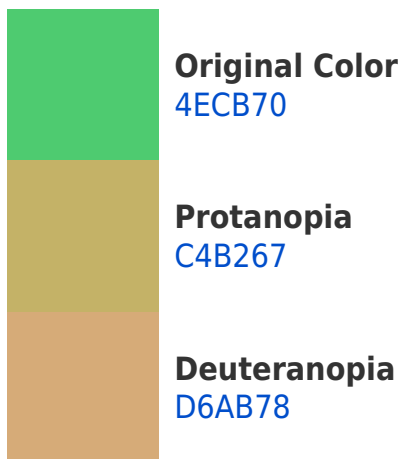


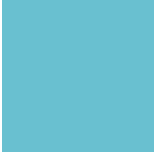
This preview shows how white text looks on a background with the Hex color 4ECB70.

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](#).

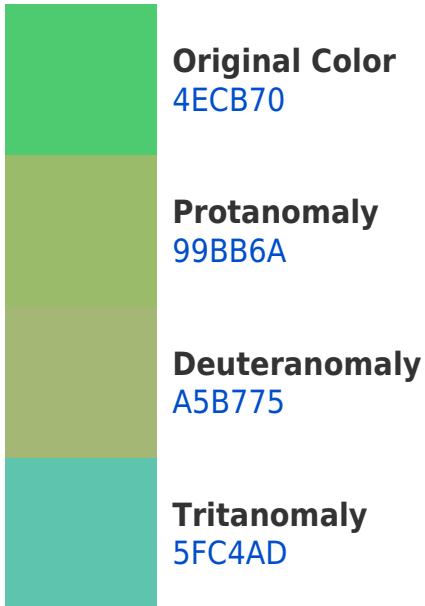
Dichromacy



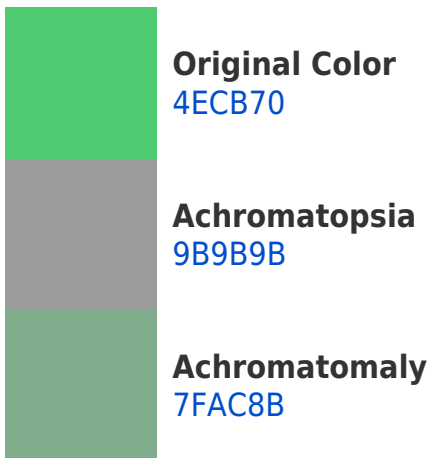


Tritanopia
69C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ECB70 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 #4ECB70 looks like.

```
.text, #text, p{  
    color:#4ECB70  
}
```

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 #4ECB70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ECB70  
}
```

Border

The CSS property to change the border of an element to Hex 4ECB70 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  
#4ECB70 }
```

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

```
.border{ border-color:#4ECB70 }
```

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

Here you see how a box with a 4 pixel #4ECB70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ECB70; -webkit-box-shadow:4px 4px  
4px 4px #4ECB70; box-shadow:4px 4px 4px  
4px #4ECB70 }
```

Background

The CSS property to change the background color of an element to Hex 4ECB70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ECB70 }
```

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

```
.background{ background-color:#4ECB70 }
```

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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