

Converting Colors

Hex(C4EA57)

Have a look what the booklet for
Hex(C4EA57) contains.

Hex(C4EA57)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4EA57)

Conversions

Conversions Part 1

Format	Color
Hex	C4EA57
RGB	196, 234, 87
RGB Percent	77%, 92%, 34%
CMY	0.2314, 0.0824, 0.6588
CMYK	0.16, 0.00, 0.63, 0.08
HSL	76°, 78%, 63%
HSV	76°, 63%, 92%
XYZ	53.9081, 71.2695, 19.9320
YIQ	205.8800, 24.5390, -53.7730

Conversions

Conversions Part 2

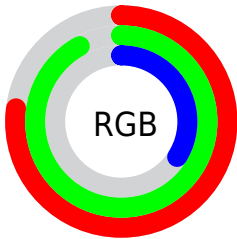
Format	Color
RYB	87, 234, 125
Decimal	12905047
CIELab	87.62, -32.74, 65.09
CIELCh	88, 72.858, 116.702
Yxy	71.2695, 0.3715, 0.4911
Android (android.graphics.Color)	4291095127 (0xFFC4EA57)
YUV	205.8800, -58.6078, -8.6648
Hunter-Lab	84.4213, -33.7542, 45.0965

Details

The Hex color **C4EA57** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7D57EA**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF8F**, and **8BB219** is the 20% darker color. If you saturate the color by 10%, you get **BEEA40**, and if you desaturate by 10%, it is **CAEA6E**.

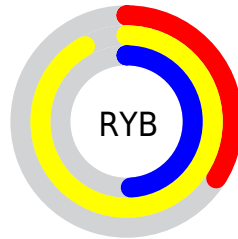
Distribution



Red (77%)

Green (92%)

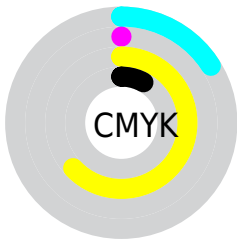
Blue (34%)



Red (34%)

Yellow (92%)

Blue (49%)

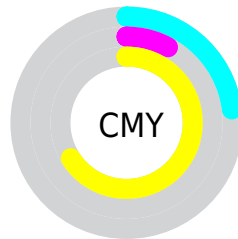


Cyan (16%)

Magenta (0%)

Yellow (63%)

Black (8%)



Cyan (23%)

Magenta (8%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4EA57 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 C4EA57 by changing the saturation by 10% instead.

 C4EA57

FFFFFF

 FFFF8F

 FFFFAB

 FFFFC7

 FFFFE4

 C4EA57

 A7CE3A

 8BB219

 6F9700

 537D00

 396400

 1A4C00

 003500

 002200

 000000

 C4EA57

 C4EA57

 BEEA40

 CAEA6E

 B8EA28

 D0EA86

 B2EA11

 D6EA9D

 AEEA00

 DCEAB5

 E2EACC

 E8EAE3

 EEEAFB

 F4EAFF

 FAEAFF

Harmonies

Analogous

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



FFD548



C4EA57



68F78C

Triad

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



C4EA57



00F6FF



FF9DE6

Complementary

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



C4EA57



7D57EA

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.



FFB0FF



C4EA57



00E6FF

Square

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



C4EA57



00DFF



D1CDFF



FFA3A1

Rectangle

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



C4EA57



00FCB9



D1CDFF



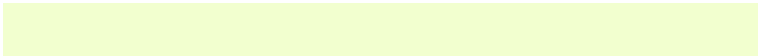
FFA1FE

Sweetspot

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



C4EA57



F2FFCF



EA7C57



788062



000000



808080

Same Dimension

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



C4EA57



CEFF40



7CEA57



72756A



86B500



283600

Inverse Universe

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



7D57EA



7140FF



C557EA



6D6A75



2F00B5



0E0036

Previews

White Background



This preview shows how the Hex color C4EA57 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 C4EA57 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 C4EA57 Background



This preview shows how black text looks on a background with the Hex color C4EA57.



This preview shows how white text looks on a background with the Hex color C4EA57.

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

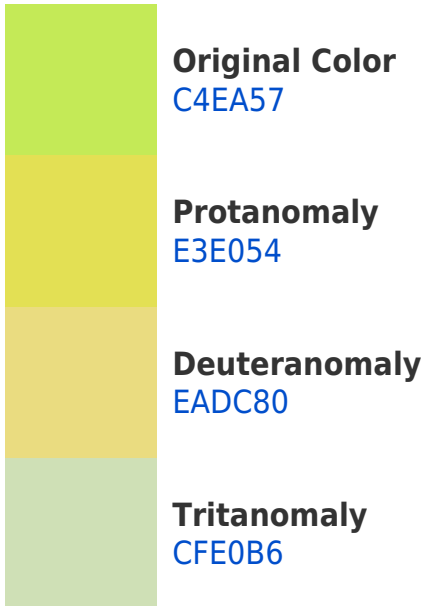


Original Color
C4EA57

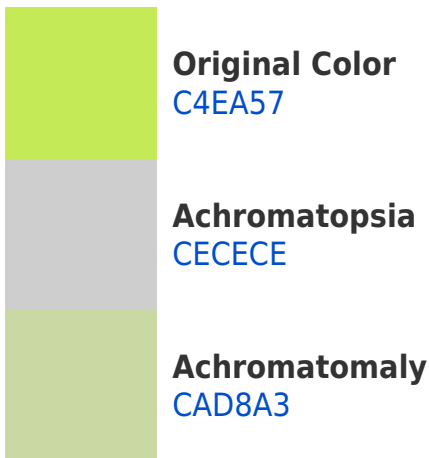
Protanopia
F4DB53

Deuteranopia
FFD498

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4EA57 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 #C4EA57 looks like.

```
.text, #text, p{  
    color:#C4EA57  
}
```

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 #C4EA57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4EA57  
}
```

Border

The CSS property to change the border of an element to Hex C4EA57 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  
#C4EA57 }
```

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

```
.border{ border-color:#C4EA57 }
```

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

Here you see how a box with a 4 pixel #C4EA57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4EA57; -webkit-box-shadow:4px 4px  
4px 4px #C4EA57; box-shadow:4px 4px 4px  
4px #C4EA57 }
```

Background

The CSS property to change the background color of an element to Hex C4EA57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4EA57 }
```

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

```
.background{ background-color:#C4EA57 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor