

Converting Colors

Hex(C4E445)

Have a look what the booklet for
Hex(C4E445) contains.

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Color

Hex(C4E445)

Conversions

Conversions Part 1

Format	Color
Hex	C4E445
RGB	196, 228, 69
RGB Percent	77%, 89%, 27%
CMY	0.2314, 0.1059, 0.7294
CMYK	0.14, 0.00, 0.70, 0.11
HSL	72°, 75%, 58%
HSV	72°, 70%, 89%
XYZ	51.5825, 67.6522, 15.9697
YIQ	200.3060, 31.9670, -56.2330

Conversions

Conversions Part 2

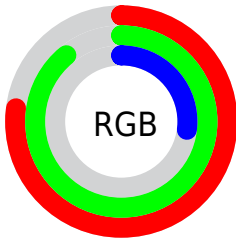
Format	Color
RYB	69, 228, 101
Decimal	12903493
CIELab	85.83, -31.09, 70.10
CIElCh	86, 76.685, 113.918
Yxy	67.6522, 0.3815, 0.5004
Android (android.graphics.Color)	4291093573 (0xFFC4E445)
YUV	200.3060, -64.7339, -3.7764
Hunter-Lab	82.2510, -31.9955, 46.0640

Details

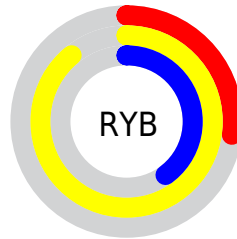
The Hex color **C4E445** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **6545E4**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF7E**, and **8AAD00** is the 20% darker color. If you saturate the color by 10%, you get **BFE42E**, and if you desaturate by 10%, it is **C9E45C**.

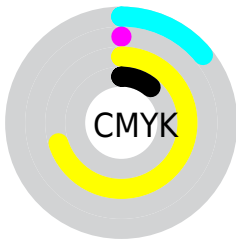
Distribution



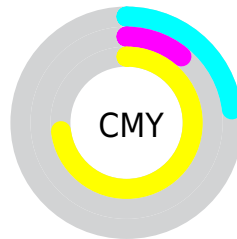
- Red (77%)
- Green (89%)
- Blue (27%)



- Red (27%)
- Yellow (89%)
- Blue (40%)



- Cyan (14%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4E445 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 C4E445 by changing the saturation by 10% instead.

 C4E445

 C4E445

FFFFFF

 A7C825

 FFFF7E

 8AAD00

 FFFF9A

 6E9200

 FFFFB7

 537800

 FFFFFD4

 375F00

 FFFFF1

 194700

 003000

 001D00

 000000

 C4E445

 C4E445

 BFE42E

 C9E45C

 BBE417

 CDE473

 B6E401

 D2E489

 B6E400

 D6E4A0

 DBE4B7

 E0E4CE

 E4E4E5

 E9E4FB

 EDE4FF

Harmonies

Analogous

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



FFCE39



C4E445



65F27D

Triad

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



C4E445



00F3FF



FF94E9

Complementary

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



C4E445



6545E4

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.



FFAAFF



C4E445



00E3FF

Square

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



C4E445



00F9FF



BECAFF



FF98A0

Rectangle

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



C4E445



00F7AC



BECAFF



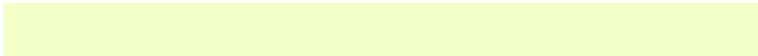
FF99FF

Sweetspot

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



C4E445



F4FFC9



E46545



798060



000000



808080

Same Dimension

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



C4E445



D4FF29



75E445



707367



8FB300



293300

Inverse Universe

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



6545E4



5429FF



B445E4



6A6773



2400B3



0A0033

Previews

White Background



This preview shows how the Hex color C4E445 looks on a white background.

Color Contrast Check

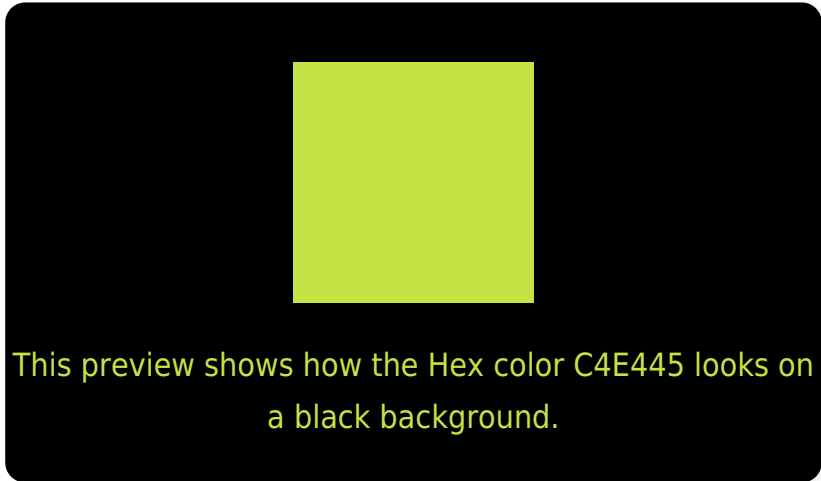
Large Text (above 18pt) WCAG AA × Fail

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 C4E445 Background



This preview shows how black text looks on a background with the Hex color C4E445.

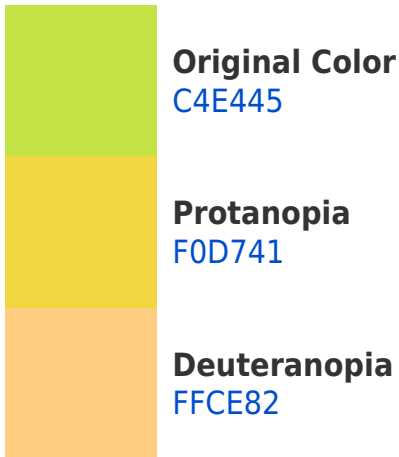


This preview shows how white text looks on a background with the Hex color C4E445.

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
D5D5E6

Trichromacy



Original Color
C4E445

Protanomaly
E0DC42

Deuteranomaly
EAD66C

Tritanomaly
CFDAAB

Monochromacy



Original Color
C4E445

Achromatopsia
C8C8C8

Achromatomaly
C7D298

CSS Examples

Text

The CSS property to change the color of the text to Hex C4E445 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 #C4E445 looks like.

```
.text, #text, p{  
    color:#C4E445  
}
```

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 #C4E445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4E445
}
```

Border

The CSS property to change the border of an element to Hex C4E445 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
#C4E445 }
```

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

```
.border{ border-color:#C4E445 }
```

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

Here you see how a box with a 4 pixel #C4E445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4E445; -webkit-box-shadow:4px 4px  
4px 4px #C4E445; box-shadow:4px 4px 4px  
4px #C4E445 }
```

Background

The CSS property to change the background color of an element to Hex C4E445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4E445 }
```

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

```
.background{ background-color:#C4E445 }
```

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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