

Converting Colors

Hex(4CDE14)

Have a look what the booklet for
Hex(4CDE14) contains.

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Color

Hex(4CDE14)

Conversions

Conversions Part 1

Format	Color
Hex	4CDE14
RGB	76, 222, 20
RGB Percent	30%, 87%, 8%
CMY	0.7020, 0.1294, 0.9216
CMYK	0.66, 0.00, 0.91, 0.13
HSL	103°, 83%, 47%
HSV	103°, 91%, 87%
XYZ	29.2280, 53.8296, 9.5115
YIQ	155.3180, -22.1740, -93.7740

Conversions

Conversions Part 2

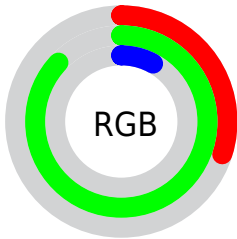
Format	Color
RYB	20, 222, 166
Decimal	5037588
CIELab	78.36, -69.25, 73.95
CIELCh	78, 101.312, 133.118
Yxy	53.8296, 0.3157, 0.5815
Android (android.graphics.Color)	4283227668 (0xFF4CDE14)
YUV	155.3180, -66.7118, -69.5619
Hunter-Lab	73.3686, -57.2856, 43.6717

Details

The Hex color **4CDE14** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **A614DE**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8FFF5C**, and **00A500** is the 20% darker color. If you saturate the color by 10%, you get **3EDE00**, and if you desaturate by 10%, it is **5CDE2A**.

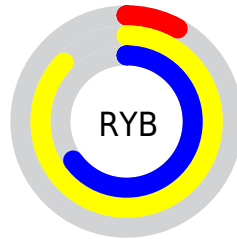
Distribution



Red (30%)

Green (87%)

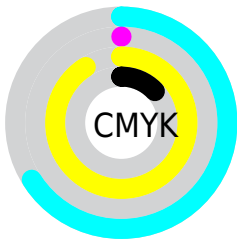
Blue (8%)



Red (8%)

Yellow (87%)

Blue (65%)

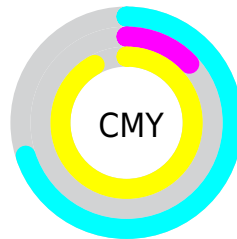


Cyan (66%)

Magenta (0%)

Yellow (91%)

Black (13%)



Cyan (70%)

Magenta (13%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CDE14 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 4CDE14 by changing the saturation by 10% instead.

 4CDE14

 4CDE14

FFFFFF

 1DC100

 8FFF5C

 00A500

 AEFF79

 008A00

 CDFF96

 006F00

 ECFFB3

 005500

 FFFF00

 003D00

 FFFFEE

 002400

 000000

 4CDE14

 4CDE14

 3EDE00

 5CDE2A

 6CDE40

 7CDE57

 8CDE6D

 9CDE83

 ACDE99

 BCDEAF

 CCDEC6

 DCDEDC

Harmonies

Analogous

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



C3CB00



4CDE14



00E887

Triad

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



4CDE14



00DCFF



FF4D9D

Complementary

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



4CDE14



A614DE

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.



FF5DFB



4CDE14



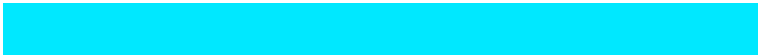
00C0FF

Square

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



4CDE14



00E8FF



F793FF



FF7A42

Rectangle

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



4CDE14



00EAC9



F793FF



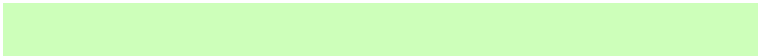
FF49BC

Sweetspot

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



4CDE14



CDFFB4



DEA514



628057



000000



808080

Same Dimension

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



4CDE14



47FF00



14DE40



687065



31B000



0D3000

Inverse Universe

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



A614DE



B800FF



DE14B2



6D6570



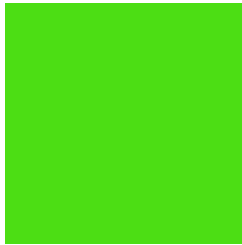
7F00B0



230030

Previews

White Background



This preview shows how the Hex color 4CDE14 looks on a white background.

Color Contrast Check

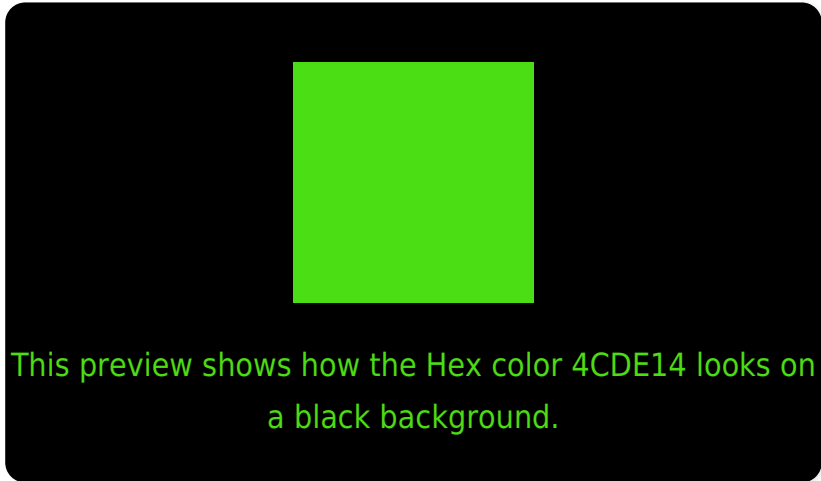
Large Text (above 18pt) WCAG AA × Fail

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

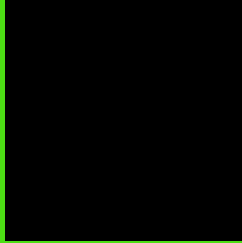
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

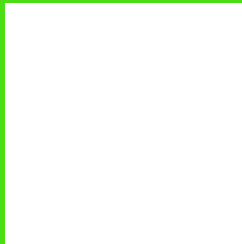
Any Text WCAG AAA ✓ Pass

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

Hex 4CDE14 Background



This preview shows how black text looks on a background with the Hex color 4CDE14.

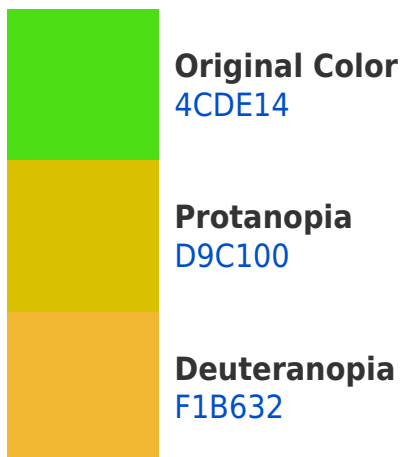


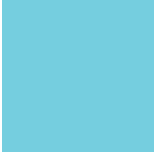
This preview shows how white text looks on a background with the Hex color 4CDE14.

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](#).

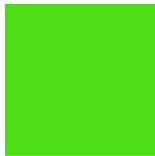
Dichromacy





Tritanopia
75CEDF

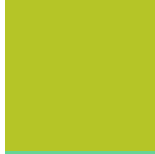
Trichromacy



Original Color
4CDE14



Protanomaly
A6CC07



Deuteranomaly
B5C527



Tritanomaly
66D495

Monochromacy



Original Color
4CDE14



Achromatopsia
9B9B9B



Achromatomaly
7EB36A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CDE14 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 #4CDE14 looks like.

```
.text, #text, p{  
    color:#4CDE14  
}
```

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 #4CDE14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CDE14
}
```

Border

The CSS property to change the border of an element to Hex 4CDE14 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
#4CDE14 }
```

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

```
.border{ border-color:#4CDE14 }
```

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

Here you see how a box with a 4 pixel #4CDE14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CDE14; -webkit-box-shadow:4px 4px  
4px 4px #4CDE14; box-shadow:4px 4px 4px  
4px #4CDE14 }
```

Background

The CSS property to change the background color of an element to Hex 4CDE14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CDE14 }
```

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

```
.background{ background-color:#4CDE14 }
```

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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