

Converting Colors

Hex(41E514)

Have a look what the booklet for
Hex(41E514) contains.

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Color

Hex(41E514)

Conversions

Conversions Part 1

Format	Color
Hex	41E514
RGB	65, 229, 20
RGB Percent	25%, 90%, 8%
CMY	0.7451, 0.1020, 0.9216
CMYK	0.72, 0.00, 0.91, 0.10
HSL	107°, 84%, 49%
HSV	107°, 91%, 90%
XYZ	30.3256, 57.2129, 10.1067
YIQ	156.1380, -30.6550, -99.7670

Conversions

Conversions Part 2

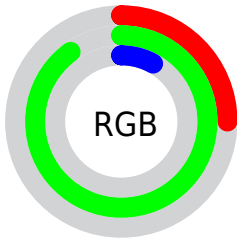
Format	Color
RYB	20, 229, 184
Decimal	4318484
CIELab	80.30, -73.42, 75.48
CIElCh	80, 105.299, 134.209
Yxy	57.2129, 0.3106, 0.5859
Android (android.graphics.Color)	4282508564 (0xFF41E514)
YUV	156.1380, -67.1160, -79.9280
Hunter-Lab	75.6392, -60.8038, 45.0253

Details

The Hex color **41E514** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **B814E5**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **89FF5D**, and **00AC00** is the 20% darker color. If you saturate the color by 10%, you get **31E500**, and if you desaturate by 10%, it is **53E52B**.

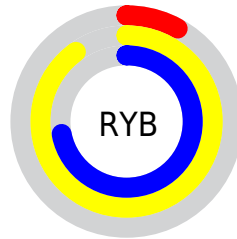
Distribution



Red (25%)

Green (90%)

Blue (8%)



Red (8%)

Yellow (90%)

Blue (72%)

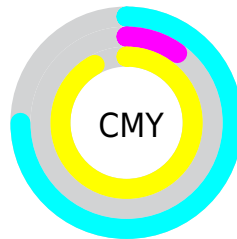


Cyan (72%)

Magenta (0%)

Yellow (91%)

Black (10%)



Cyan (75%)

Magenta (10%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41E514 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 41E514 by changing the saturation by 10% instead.

 41E514

 41E514

FFFFFF

 00C800

 89FF5D

 00AC00

 A9FF7A

 009000

 C8FF97

 007500

 E8FFB4

 005B00

 FFFFD2

 004200

 FFFFF0

 002900

 000200

 000000

 41E514

 41E514

 31E500

 53E52B

 65E542

 77E559

 89E570

 9BE587

 ADE59D

 BFE5B4

 D1E5CB

 E3E5E2

Harmonies

Analogous

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



C5D100



41E514



00EF8E

Triad

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



41E514



00E1FF



FF4B9D

Complementary

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



41E514



B814E5

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.



FF59FF



41E514



00C4FF

Square

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



41E514



00EFFF



FF93FF



FF7E3E

Rectangle

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



41E514



00F1D3



FF93FF



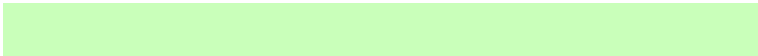
FF45BE

Sweetspot

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



41E514



C9FFBA



E5B814



5F8057



000000



808080

Same Dimension

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



41E514



37FF00



14E54F



6A7367



26B300



0B3300

Inverse Universe

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



B814E5



C800FF



E514AA



706773



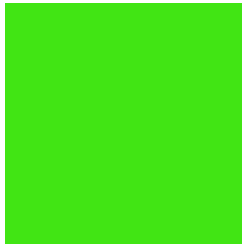
8C00B3



280033

Previews

White Background



This preview shows how the Hex color 41E514 looks on a white background.

Color Contrast Check

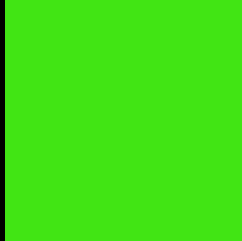
Large Text (above 18pt) WCAG AA × Fail

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 41E514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

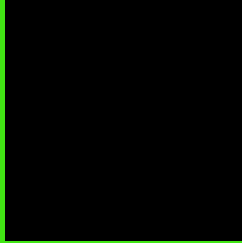
Any Text WCAG AA ✓ Pass

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 41E514 Background



This preview shows how black text looks on a background with the Hex color 41E514.

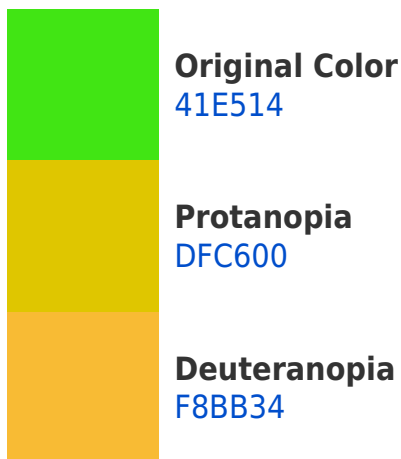


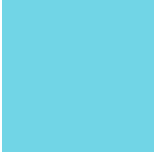
This preview shows how white text looks on a background with the Hex color 41E514.

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](#).

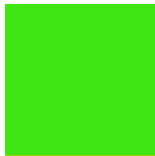
Dichromacy





Tritanopia
71D5E6

Trichromacy



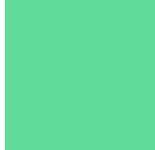
Original Color
41E514



Protanomaly
A6D107



Deuteranomaly
B5CA28



Tritanomaly
60DB9A

Monochromacy



Original Color
41E514



Achromatopsia
9C9C9C



Achromatomaly
7BB76B

CSS Examples

Text

The CSS property to change the color of the text to Hex 41E514 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 #41E514 looks like.

```
.text, #text, p{  
    color:#41E514  
}
```

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 #41E514 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41E514
}
```

Border

The CSS property to change the border of an element to Hex 41E514 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
#41E514 }
```

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

```
.border{ border-color:#41E514 }
```

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

Here you see how a box with a 4 pixel #41E514 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41E514; -webkit-box-shadow:4px 4px  
4px 4px #41E514; box-shadow:4px 4px 4px  
4px #41E514 }
```

Background

The CSS property to change the background color of an element to Hex 41E514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41E514 }
```

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

```
.background{ background-color:#41E514 }
```

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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