

Converting Colors

Hex(89D514)

Have a look what the booklet for
Hex(89D514) contains.

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Color

Hex(89D514)

Conversions

Conversions Part 1

Format	Color
Hex	89D514
RGB	137, 213, 20
RGB Percent	54%, 84%, 8%
CMY	0.4627, 0.1647, 0.9216
CMYK	0.36, 0.00, 0.91, 0.16
HSL	84°, 83%, 46%
HSV	84°, 91%, 84%
XYZ	34.2370, 52.9574, 9.0791
YIQ	168.2740, 16.6570, -76.1350

Conversions

Conversions Part 2

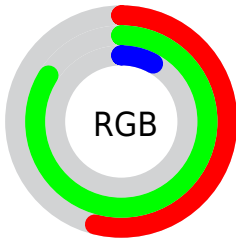
Format	Color
RYB	20, 213, 96
Decimal	9032980
CIELab	77.85, -48.77, 74.43
CIElCh	78, 88.986, 123.231
Yxy	52.9574, 0.3556, 0.5501
Android (android.graphics.Color)	4287223060 (0xFF89D514)
YUV	168.2740, -73.0991, -27.4273
Hunter-Lab	72.7718, -43.3716, 43.5431

Details

The Hex color **89D514** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6014D5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C4FF5B**, and **4E9E00** is the 20% darker color. If you saturate the color by 10%, you get **81D500**, and if you desaturate by 10%, it is **91D529**.

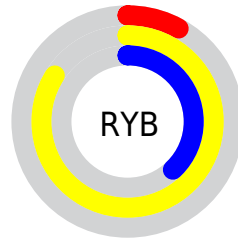
Distribution



Red (54%)

Green (84%)

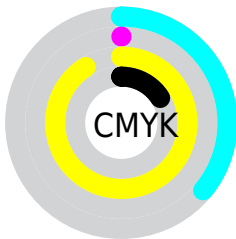
Blue (8%)



Red (8%)

Yellow (84%)

Blue (38%)

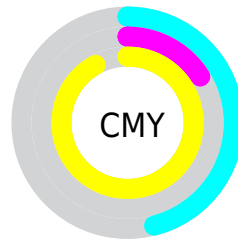


Cyan (36%)

Magenta (0%)

Yellow (91%)

Black (16%)



Cyan (46%)

Magenta (16%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89D514 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 89D514 by changing the saturation by 10% instead.

 89D514

 89D514

FFFFFF

 6CB900

 C4FF5B

 4E9E00

 E2FF78

 2E8300

 FFFF95

 006900

 FFFFB1

 005000

 FFFFCF

 003800

 FFFFEC

 002200

 000000

 89D514

 89D514

■ 81D500

■ 91D529

■ 9AD53F

■ A2D554

■ ABD569

■ B3D57F

■ BBD594

■ C4D5A9

■ CCD5BE

■ D4D5D4

Harmonies

Analogous

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



DEC000



89D514



00E171

Triad

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



89D514



00DCFF



FF65BB

Complementary

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



89D514



6014D5

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.



FF7DFF



89D514



00C8FF

Square

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



89D514



00E5FF



C9A6FF



FF796B

Rectangle

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



89D514



00E5AA



C9A6FF



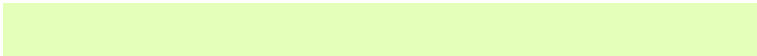
FF69D7

Sweetspot

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



89D514



E4FFBA



D55E14



6F8057



000000



808080

Same Dimension

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



89D514



9BFF00



2BD514



676B60



68AB00



1A2B00

Inverse Universe

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



6014D5



6400FF



BE14D5



65606B



4300AB



11002B

Previews

White Background



This preview shows how the Hex color 89D514 looks on a white background.

Color Contrast Check

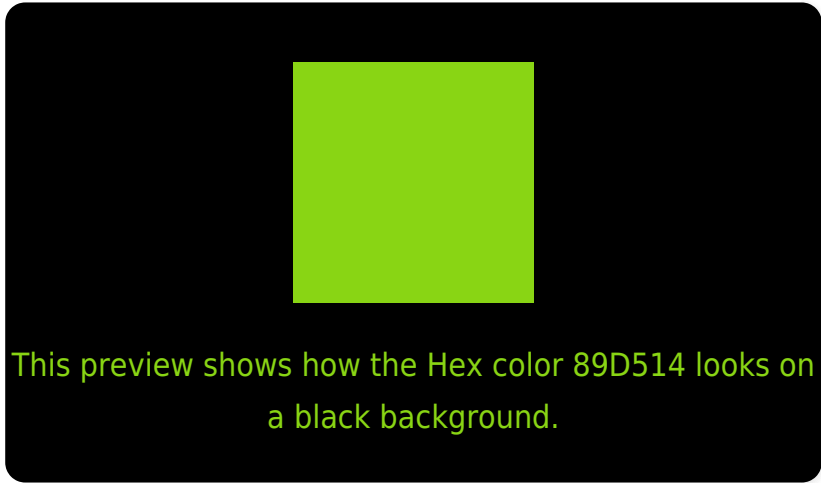
Large Text (above 18pt) WCAG AA × Fail

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 89D514 Background



This preview shows how black text looks on a background with the Hex color 89D514.



This preview shows how white text looks on a background with the Hex color 89D514.

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
89D514

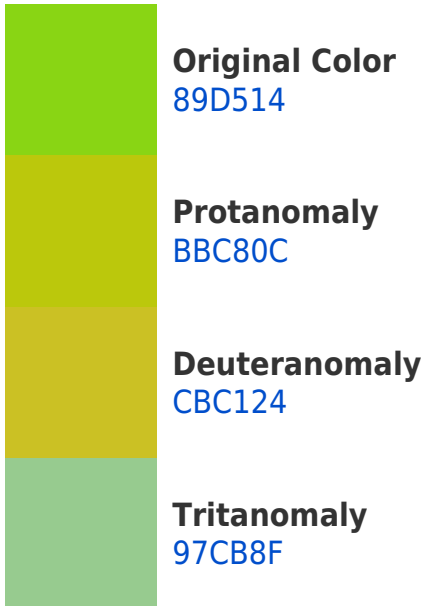
Protanopia
D8C008

Deuteranopia
F1B62D

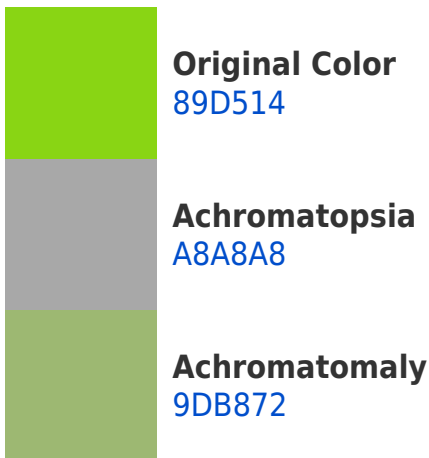


Tritanopia
9FC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89D514 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 #89D514 looks like.

```
.text, #text, p{  
    color:#89D514  
}
```

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 #89D514 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D514
}
```

Border

The CSS property to change the border of an element to Hex 89D514 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
#89D514 }
```

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

```
.border{ border-color:#89D514 }
```

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

Here you see how a box with a 4 pixel #89D514 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D514; -webkit-box-shadow:4px 4px  
4px 4px #89D514; box-shadow:4px 4px 4px  
4px #89D514 }
```

Background

The CSS property to change the background color of an element to Hex 89D514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D514 }
```

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

```
.background{ background-color:#89D514 }
```

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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