

Converting Colors

Hex(89D54A)

Have a look what the booklet for
Hex(89D54A) contains.

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Color

Hex(89D54A)

Conversions

Conversions Part 1

Format	Color
Hex	89D54A
RGB	137, 213, 74
RGB Percent	54%, 84%, 29%
CMY	0.4627, 0.1647, 0.7098
CMYK	0.36, 0.00, 0.65, 0.16
HSL	93°, 62%, 56%
HSV	93°, 65%, 84%
XYZ	35.3468, 53.4013, 14.9231
YIQ	174.4300, -0.6770, -59.3410

Conversions

Conversions Part 2

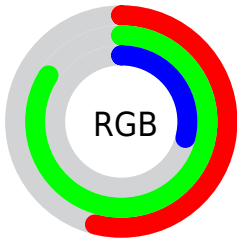
Format	Color
RYB	74, 213, 150
Decimal	9033034
CIELab	78.11, -46.09, 59.14
CIElCh	78, 74.982, 127.929
Yxy	53.4013, 0.3410, 0.5151
Android (android.graphics.Color)	4287223114 (0xFF89D54A)
YUV	174.4300, -49.5120, -32.8261
Hunter-Lab	73.0762, -41.5432, 39.0456

Details

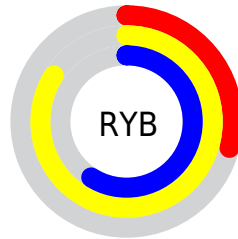
The Hex color **89D54A** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **964AD5**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **C2FF81**, and **509E06** is the 20% darker color. If you saturate the color by 10%, you get **7DD535**, and if you desaturate by 10%, it is **95D55F**.

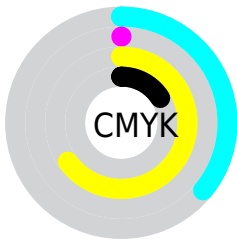
Distribution



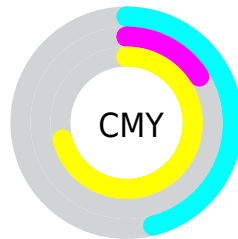
- Red (54%)
- Green (84%)
- Blue (29%)



- Red (29%)
- Yellow (84%)
- Blue (59%)



- Cyan (36%)
- Magenta (0%)
- Yellow (65%)
- Black (16%)



- Cyan (46%)
- Magenta (16%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89D54A 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 89D54A by changing the saturation by 10% instead.

 89D54A

 89D54A

FFFFFF

 6DB92D

 C2FF81

 509E06

 E0FF9C

 328300

 FEFFB8

 0B6900

 FFFFD5

 005000

 FFFFF2

 003800

 002300

 000000

 89D54A

 89D54A

 7DD535

 95D55F

 72D51F

 A0D575

 66D50A

 ACD58A

 61D500

 B8D59F

 C3D5B4

 CFD5CA

 DBD5DF

 E6D5F4

 F2D5FF

Harmonies

Analogous

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



D4C421



89D54A



00DF8A

Triad

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



89D54A



00D6FF



FF7EB1

Complementary

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



89D54A



964AD5

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.



FF89F7



89D54A



42C3FF

Square

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



89D54A



00E0FF



DCA6FF



FF8E6F

Rectangle

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



89D54A



00E2BA



DCA6FF



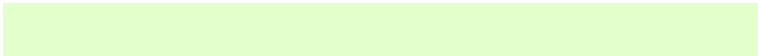
FF7EC9

Sweetspot

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



89D54A



E3FFCC



D5944A



6F8061



000000



808080

Same Dimension

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



89D54A



92FF38



4AD54F



656B60



4DAB00



142B00

Inverse Universe

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



964AD5



A538FF



D54AD0



66606B



5D00AB



18002B

Previews

White Background



This preview shows how the Hex color 89D54A looks on a white background.

Color Contrast Check

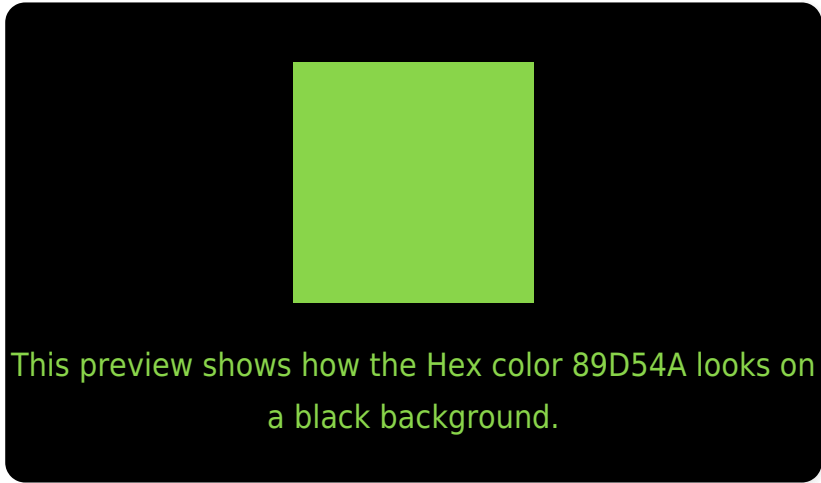
Large Text (above 18pt) WCAG AA × Fail

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 89D54A Background



This preview shows how black text looks on a background with the Hex color 89D54A.

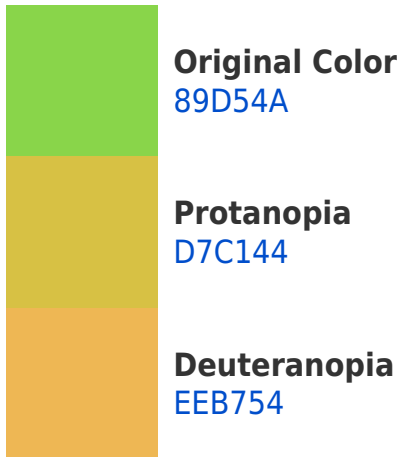


This preview shows how white text looks on a background with the Hex color 89D54A.

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](#).

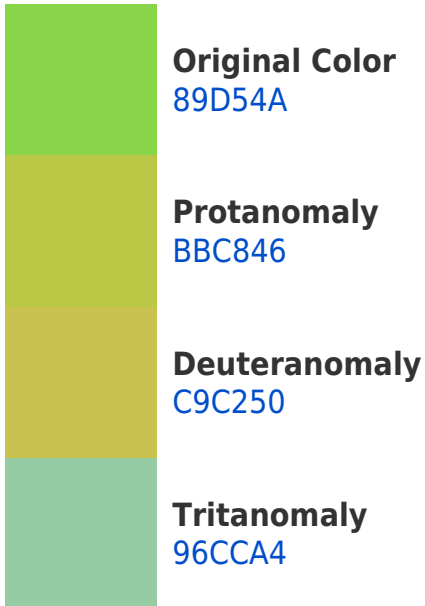
Dichromacy



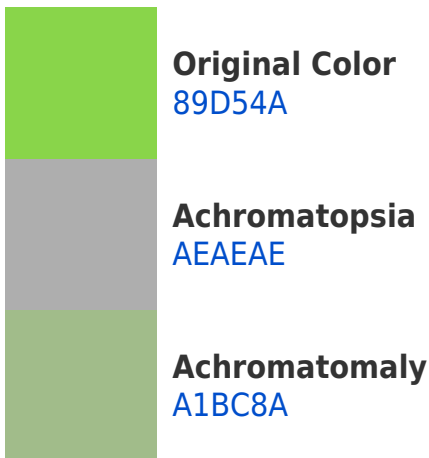


Tritanopia
9EC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89D54A 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 #89D54A looks like.

```
.text, #text, p{  
    color:#89D54A  
}
```

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 #89D54A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D54A
}
```

Border

The CSS property to change the border of an element to Hex 89D54A 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
#89D54A }
```

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

```
.border{ border-color:#89D54A }
```

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

Here you see how a box with a 4 pixel #89D54A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D54A; -webkit-box-shadow:4px 4px  
4px 4px #89D54A; box-shadow:4px 4px 4px  
4px #89D54A }
```

Background

The CSS property to change the background color of an element to Hex 89D54A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D54A }
```

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

```
.background{ background-color:#89D54A }
```

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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