

Converting Colors

Hex(89D552)

Have a look what the booklet for
Hex(89D552) contains.

Hex(89D552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89D552)

Conversions

Conversions Part 1

Format	Color
Hex	89D552
RGB	137, 213, 82
RGB Percent	54%, 84%, 32%
CMY	0.4627, 0.1647, 0.6784
CMYK	0.36, 0.00, 0.62, 0.16
HSL	95°, 61%, 58%
HSV	95°, 62%, 84%
XYZ	35.6338, 53.5161, 16.4342
YIQ	175.3420, -3.2450, -56.8530

Conversions

Conversions Part 2

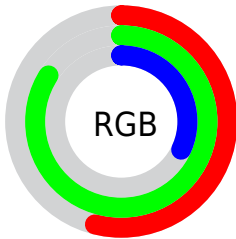
Format	Color
RYB	82, 213, 158
Decimal	9033042
CIELab	78.18, -45.41, 55.89
CIELCh	78, 72.013, 129.093
Yxy	53.5161, 0.3375, 0.5069
Android (android.graphics.Color)	4287223122 (0xFF89D552)
YUV	175.3420, -46.0176, -33.6259
Hunter-Lab	73.1547, -41.0730, 37.8888

Details

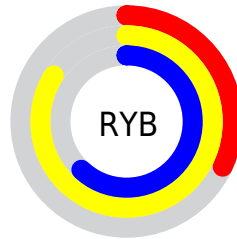
The Hex color **89D552** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **9E52D5**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C2FF88**, and **519E18** is the 20% darker color. If you saturate the color by 10%, you get **7DD53D**, and if you desaturate by 10%, it is **95D567**.

Distribution



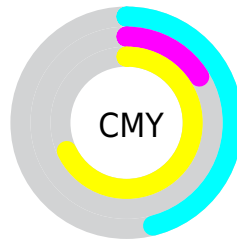
- Red (54%)
- Green (84%)
- Blue (32%)



- Red (32%)
- Yellow (84%)
- Blue (62%)



- Cyan (36%)
- Magenta (0%)
- Yellow (62%)
- Black (16%)



- Cyan (46%)
- Magenta (16%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89D552 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 89D552 by changing the saturation by 10% instead.

 89D552

 89D552

FFFFFF

 6DB937

 C2FF88

 519E18

 DFFFA4

 338300

 FDFFC0

 0D6900

 FFFFDC

 005000

 FFFFFA

 003800

 002300

 000000

 89D552

 89D552

 7DD53D

 95D567

 70D527

 A2D57D

 64D512

 AED592

 59D500

 BAD5A7

 C7D5BD

 D3D5D2

 E0D5E7

 ECD5FC

 F8D5FF

Harmonies

Analogous

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



D1C52D



89D552



00DE8F

Triad

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



89D552



00D5FF



FF82B0

Complementary

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



89D552



9E52D5

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.



FF8CF3



89D552



5BC2FF

Square

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



89D552



00DFFF



DFA7FF



FF9270

Rectangle

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



89D552



00E1BD



DFA7FF



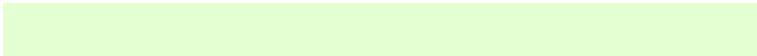
FF82C6

Sweetspot

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



89D552



E4FFD1



D59C52



6F8063



000000



808080

Same Dimension

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



89D552



92FF42



52D55B



656B60



48AB00



122B00

Inverse Universe

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



9E52D5



B042FF



D552CC



67606B



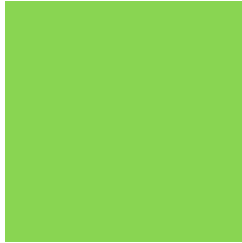
6300AB



19002B

Previews

White Background



This preview shows how the Hex color 89D552 looks on a white background.

Color Contrast Check

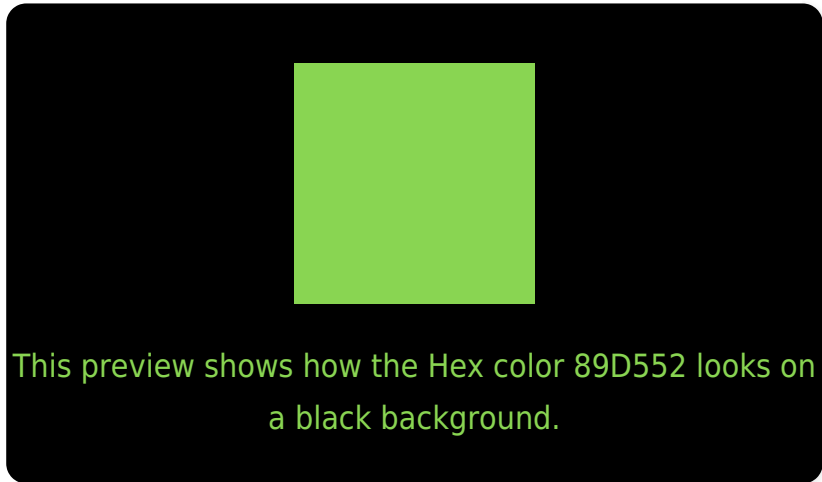
Large Text (above 18pt) WCAG AA × Fail

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 89D552 Background



This preview shows how black text looks on a background with the Hex color 89D552.

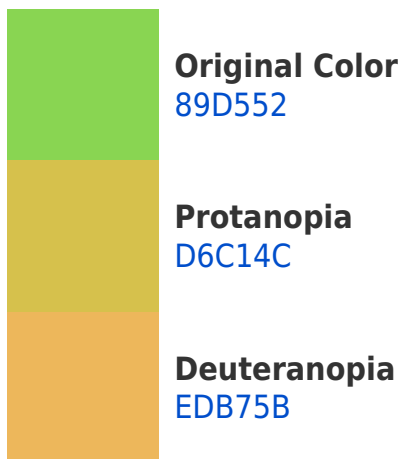


This preview shows how white text looks on a background with the Hex color 89D552.

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](#).

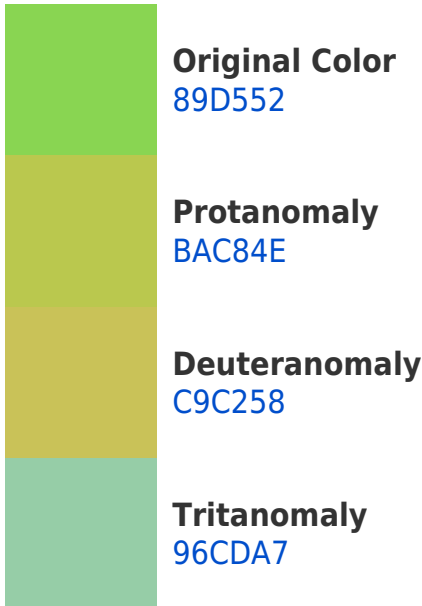
Dichromacy



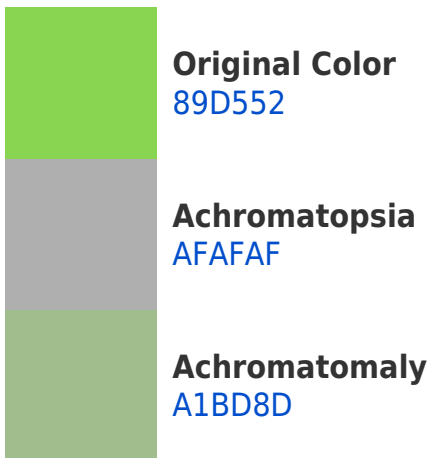


Tritanopia
9DC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89D552 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 #89D552 looks like.

```
.text, #text, p{  
    color:#89D552  
}
```

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 #89D552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D552
}
```

Border

The CSS property to change the border of an element to Hex 89D552 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
#89D552 }
```

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

```
.border{ border-color:#89D552 }
```

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

Here you see how a box with a 4 pixel #89D552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D552; -webkit-box-shadow:4px 4px  
4px 4px #89D552; box-shadow:4px 4px 4px  
4px #89D552 }
```

Background

The CSS property to change the background color of an element to Hex 89D552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D552 }
```

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

```
.background{ background-color:#89D552 }
```

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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