

Converting Colors

Hex(D89E71)

Have a look what the booklet for
Hex(D89E71) contains.

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Color

Hex(D89E71)

Conversions

Conversions Part 1

Format	Color
Hex	D89E71
RGB	216, 158, 113
RGB Percent	85%, 62%, 44%
CMY	0.1529, 0.3804, 0.5569
CMYK	0.00, 0.27, 0.48, 0.15
HSL	26°, 57%, 65%
HSV	26°, 48%, 85%
XYZ	43.5264, 40.2449, 21.0967
YIQ	170.2120, 49.0130, -1.6990

Conversions

Conversions Part 2

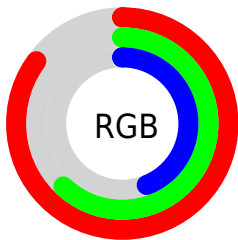
Format	Color
R _Y B	216, 193, 113
Decimal	14196337
CIE Lab	69.64, 16.24, 31.93
CIE LCh	70, 35.825, 63.037
Yxy	40.2449, 0.4151, 0.3838
Android (android.graphics.Color)	4292386417 (0xFFD89E71)
YUV	170.2120, -28.2055, 40.1561
Hunter-Lab	63.4389, 11.4536, 24.6902

Details

The Hex color **D89E71** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71ABD8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD5A5**, and **9F6B40** is the 20% darker color. If you saturate the color by 10%, you get **D8925B**, and if you desaturate by 10%, it is **D8AA87**.

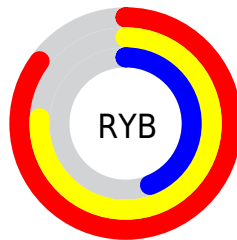
Distribution



Red (85%)

Green (62%)

Blue (44%)



Red (85%)

Yellow (76%)

Blue (44%)

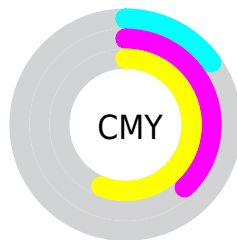


Cyan (0%)

Magenta (27%)

Yellow (48%)

Black (15%)



Cyan (15%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color D89E71 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 D89E71 by changing the saturation by 10% instead.

 D89E71

FFFFFF

 FFD5A5

 FFF1C1

 FFFFDD

 FFFFF9

 D89E71

 D89E71

 BB8458

 9F6B40

 835229

 683B13

 4E2500

 331000

 1C0001

 000000

 D89E71

 D8925B

 D8AA87

 D88646

 D8B69C

 D87A30

 D8C2B2

 D86D1B

 D8CFC7

 D86105

 D8DBDD

 D85E00

 D8E7F3

 D8F3FF

 D8FFFF

Harmonies

Analogous

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



E89488



D89E71



BDA969

Triad

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



D89E71



49BCAC



B2A1E1

Complementary

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



D89E71



71ABD8

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.



81ACEB



D89E71



2CBBCC

Square

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



D89E71



73B98C



4CB5E3



D696C8

Rectangle

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



D89E71



A6B06D



4CB5E3



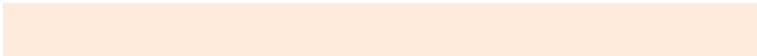
A3A4E6

Sweetspot

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



D89E71



FFEBDB



D871AB



80736A



000000



808080

Same Dimension

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



D89E71



FFAD6E



D8D171



6B6560



AB4B00



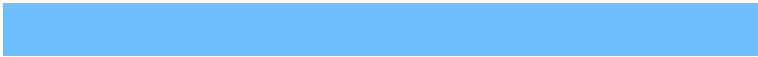
2B1300

Inverse Universe

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



71ABD8



6EBFFF



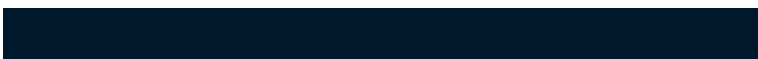
7178D8



60666B



0060AB



00182B

Previews

White Background



This preview shows how the Hex color D89E71 looks on a white background.

Color Contrast Check

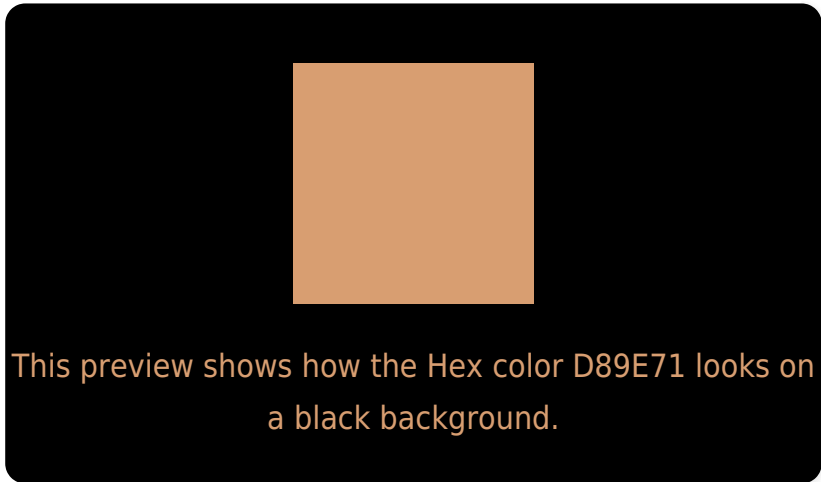
Large Text (above 18pt) WCAG AA × Fail

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

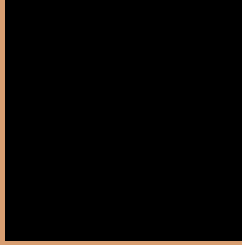
Any Text WCAG AA ✓ Pass

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 D89E71 Background



This preview shows how black text looks on a background with the Hex color D89E71.

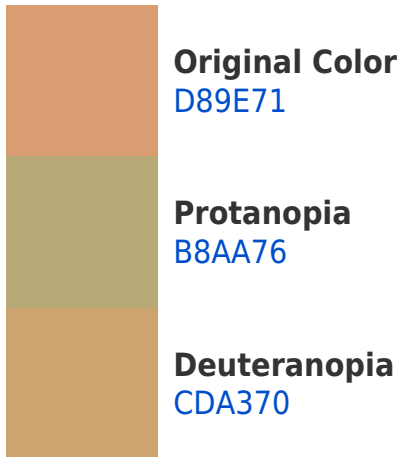



This preview shows how white text looks on a background with the Hex color D89E71.

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](#).

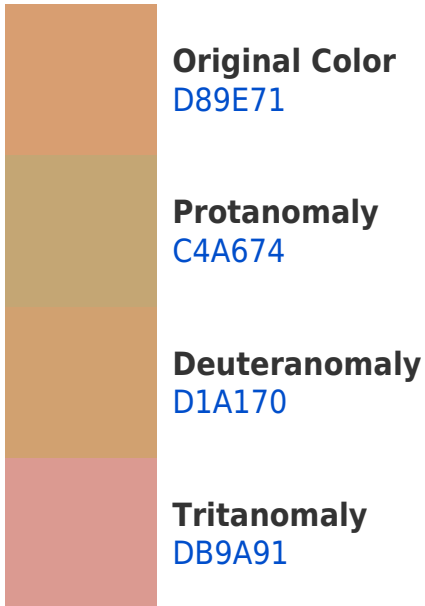
Dichromacy



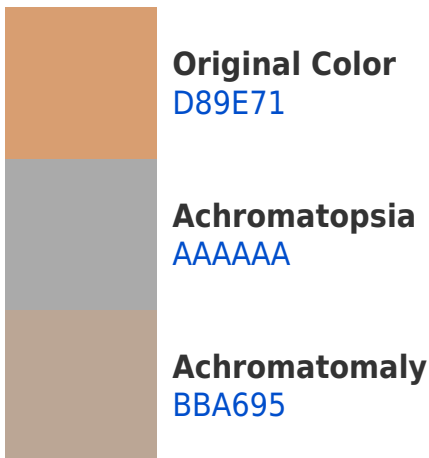


Tritanopia
DC98A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D89E71 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 #D89E71 looks like.

```
.text, #text, p{  
    color:#D89E71  
}
```

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 #D89E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D89E71  
}
```

Border

The CSS property to change the border of an element to Hex D89E71 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  
#D89E71 }
```

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

```
.border{ border-color:#D89E71 }
```

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

Here you see how a box with a 4 pixel #D89E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D89E71; -webkit-box-shadow:4px 4px  
4px 4px #D89E71; box-shadow:4px 4px 4px  
4px #D89E71 }
```

Background

The CSS property to change the background color of an element to Hex D89E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D89E71 }
```

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

```
.background{ background-color:#D89E71 }
```

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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