

Converting Colors

Hex(D9EB72)

Have a look what the booklet for
Hex(D9EB72) contains.

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Color

Hex(D9EB72)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9EB72 |
| RGB | 217, 235, 114 |
| RGB Percent | 85%, 92%, 45% |
| CMY | 0.1490, 0.0784, 0.5529 |
| CMYK | 0.08, 0.00, 0.51, 0.08 |
| HSL | 69°, 75%, 68% |
| HSV | 69°, 51%, 92% |
| XYZ | 61.3609, 75.3833, 27.2360 |
| YIQ | 215.8240, 28.1130, -41.4470 |

Conversions

Conversions Part 2

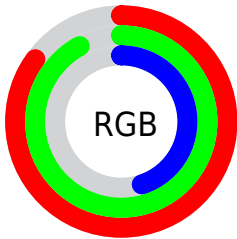
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 114, 235, 132 |
| Decimal | 14281586 |
| CIELab | 89.57, -22.92, 56.01 |
| CIELCh | 90, 60.513, 112.253 |
| Yxy | 75.3833, 0.3742, 0.4597 |
| Android (android.graphics.Color) | 4292471666 (0xFFD9EB72) |
| YUV | 215.8240, -50.1992, 1.0314 |
| Hunter-Lab | 86.8235, -25.7898, 42.1776 |

Details

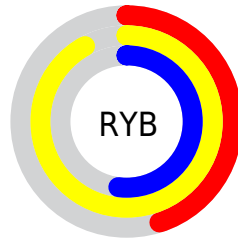
The Hex color **D9EB72** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8472EB**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFA9**, and **A0B33D** is the 20% darker color. If you saturate the color by 10%, you get **D6EB5B**, and if you desaturate by 10%, it is **DCEB8A**.

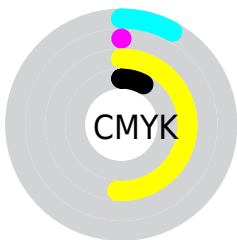
Distribution



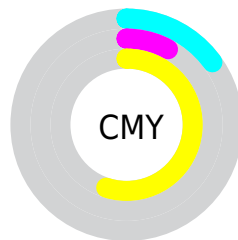
- Red (85%)
- Green (92%)
- Blue (45%)



- Red (45%)
- Yellow (92%)
- Blue (52%)



- Cyan (8%)
- Magenta (0%)
- Yellow (51%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9EB72 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 D9EB72 by changing the saturation by 10% instead.

 D9EB72

 D9EB72

FFFFFF

 BCCF57

 FFFFA9

 A0B33D

 FFFFC5

 849920

 FFFFE2

 697F00

 4F6600

 354E00

 1A3700

 002200

 000000

 D9EB72

 D9EB72

 D6EB5B

 DCEB8A

 D2EB43

 E0EBA1

 CFEB2C

 E3EBB9

 CBEB14

 E7EBD0

 C8EB00

 EAEBE8

 EEEBFF

 F1EBFF

 F5EBFF

 F8EBFF

Harmonies

Analogous

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



FFD96C



D9EB72



94F798

Triad

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



D9EB72



00F9FF



FFB2F3

Complementary

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



D9EB72



8472EB

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.



FFC2FF



D9EB72



4FECFF

Square

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



D9EB72



00FEFF



CED8FF



FFB3B8

Rectangle

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



D9EB72



55FCBC



CED8FF



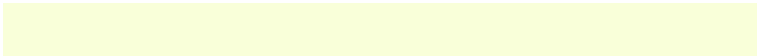
FFB6FF

Sweetspot

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



D9EB72



F9FFD9



EB8272



7C8069



000000



808080

Same Dimension

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



D9EB72



E7FF61



9EEB72



74756A



9AB500



2E3600

Inverse Universe

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



8472EB



7861FF



BF72EB



6B6A75



1B00B5



080036

Previews

White Background



This preview shows how the Hex color D9EB72 looks on a white background.

Color Contrast Check

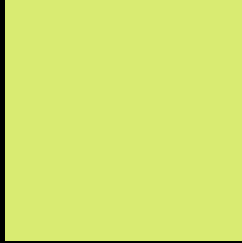
Large Text (above 18pt) WCAG AA × Fail

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 D9EB72 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 D9EB72 Background



This preview shows how black text looks on a background with the Hex color D9EB72.

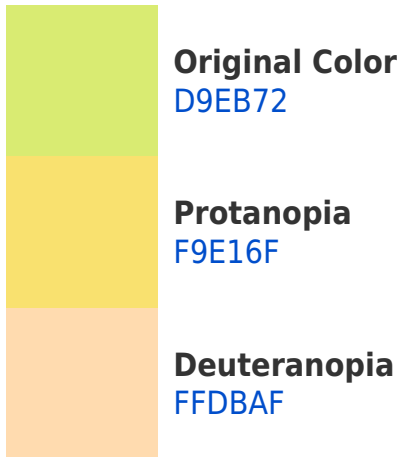


This preview shows how white text looks on a background with the Hex color D9EB72.

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](#).

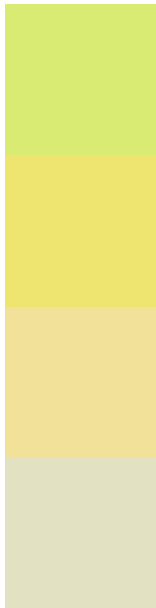
Dichromacy





Tritanopia
E7DDEF

Trichromacy



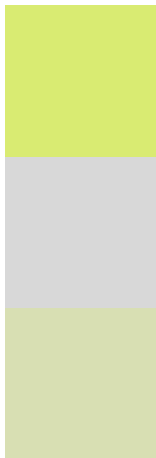
Original Color
D9EB72

Protanomaly
EDE570

Deuteranomaly
F1E199

Tritanomaly
E2E2C2

Monochromacy



Original Color
D9EB72

Achromatopsia
D8D8D8

Achromatomaly
D8DFB3

CSS Examples

Text

The CSS property to change the color of the text to Hex D9EB72 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 #D9EB72 looks like.

```
.text, #text, p{  
    color:#D9EB72  
}
```

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 #D9EB72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9EB72
}
```

Border

The CSS property to change the border of an element to Hex D9EB72 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
#D9EB72 }
```

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

```
.border{ border-color:#D9EB72 }
```

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

Here you see how a box with a 4 pixel #D9EB72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9EB72; -webkit-box-shadow:4px 4px  
4px 4px #D9EB72; box-shadow:4px 4px 4px  
4px #D9EB72 }
```

Background

The CSS property to change the background color of an element to Hex D9EB72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9EB72 }
```

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

```
.background{ background-color:#D9EB72 }
```

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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