

Converting Colors

Hex(8DE57D)

Have a look what the booklet for
Hex(8DE57D) contains.

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Color

Hex(8DE57D)

Conversions

Conversions Part 1

Format	Color
Hex	8DE57D
RGB	141, 229, 125
RGB Percent	55%, 90%, 49%
CMY	0.4471, 0.1020, 0.5098
CMYK	0.38, 0.00, 0.45, 0.10
HSL	111°, 67%, 69%
HSV	111°, 45%, 90%
XYZ	42.7055, 63.1820, 29.3466
YIQ	190.8320, -19.0640, -51.0000

Conversions

Conversions Part 2

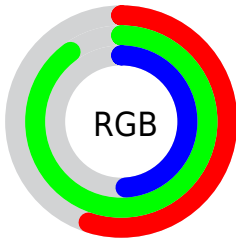
Format	Color
RYB	125, 229, 213
Decimal	9299325
CIELab	83.54, -46.08, 42.43
CIELCh	84, 62.641, 137.366
Yxy	63.1820, 0.3158, 0.4672
Android (android.graphics.Color)	4287489405 (0xFF8DE57D)
YUV	190.8320, -32.4552, -43.7027
Hunter-Lab	79.4871, -43.2010, 33.7512

Details

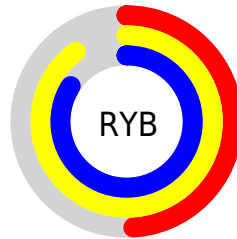
The Hex color **8DE57D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D57DE5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C6FFB3**, and **55AD49** is the 20% darker color. If you saturate the color by 10%, you get **7AE566**, and if you desaturate by 10%, it is **A0E594**.

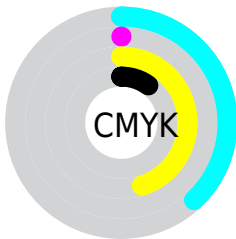
Distribution



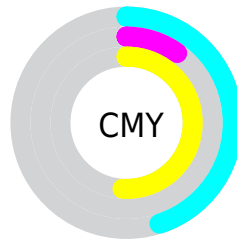
- Red (55%)
- Green (90%)
- Blue (49%)



- Red (49%)
- Yellow (90%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (45%)
- Black (10%)



- Cyan (45%)
- Magenta (10%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8DE57D 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 8DE57D by changing the saturation by 10% instead.

 8DE57D

 8DE57D

FFFFFF

 71C963


 C6FFB3

 55AD49

 E3FFCF

 389230

 FFFFEC

 157716

 005E00

 004500

 002F00

 001500

 000000

 8DE57D

 8DE57D

 7AE566

 A0E594

 66E54F

 B4E5AB

 53E538

 C7E5C2

 3FE521

 DBE5D9

 2CE50A

 EEE5F0

 23E500

 FFE5FF

Harmonies

Analogous

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



D1D85A



8DE57D



00ECB4

Triad

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



8DE57D



00DEFF



FF9FB0

Complementary

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



8DE57D



D57DE5

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.



FFA0EC



8DE57D



AACAFF

Square

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



8DE57D



00E9FF



FFB3FF



FFAE7C

Rectangle

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



8DE57D



00EEDD



FFB3FF



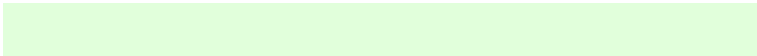
FF9DC4

Sweetspot

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



8DE57D



E1FFDB



E5D47D



6D806A



000000



808080

Same Dimension

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



8DE57D



8AFF75



7DE5A0



697367



1BB300



083300

Inverse Universe

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



D57DE5



EA75FF



E57DC2



716773



9700B3



2B0033

Previews

White Background



This preview shows how the Hex color 8DE57D 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 8DE57D 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 8DE57D Background



This preview shows how black text looks on a background with the Hex color 8DE57D.

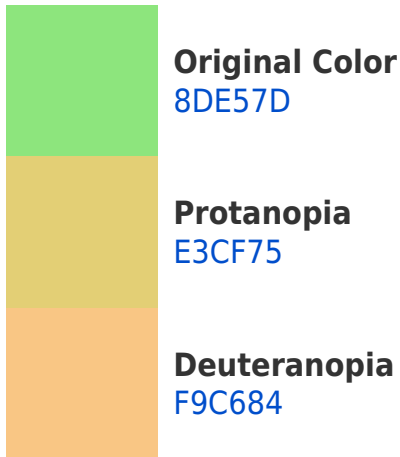


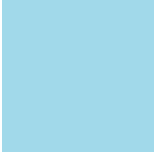
This preview shows how white text looks on a background with the Hex color 8DE57D.

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
A1D9EA

Trichromacy



Original Color
8DE57D



Protanomaly
C4D778



Deuteranomaly
D2D181



Tritanomaly
9ADDC2

Monochromacy



Original Color
8DE57D



Achromatopsia
BFBFBF



Achromatomaly
ADCA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DE57D 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 #8DE57D looks like.

```
.text, #text, p{  
    color:#8DE57D  
}
```

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 #8DE57D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE57D
}
```

Border

The CSS property to change the border of an element to Hex 8DE57D 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
#8DE57D }
```

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

```
.border{ border-color:#8DE57D }
```

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

Here you see how a box with a 4 pixel #8DE57D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE57D; -webkit-box-shadow:4px 4px  
4px 4px #8DE57D; box-shadow:4px 4px 4px  
4px #8DE57D }
```

Background

The CSS property to change the background color of an element to Hex 8DE57D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE57D }
```

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

```
.background{ background-color:#8DE57D }
```

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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