

Converting Colors

Hex(D9F57B)

Have a look what the booklet for
Hex(D9F57B) contains.

Hex(D9F57B)	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(D9F57B)

Conversions

Conversions Part 1

Format	Color
Hex	D9F57B
RGB	217, 245, 123
RGB Percent	85%, 96%, 48%
CMY	0.1490, 0.0392, 0.5176
CMYK	0.11, 0.00, 0.50, 0.04
HSL	74°, 86%, 72%
HSV	74°, 50%, 96%
XYZ	64.8428, 81.4866, 31.0498
YIQ	222.7200, 22.4740, -43.8780

Conversions

Conversions Part 2

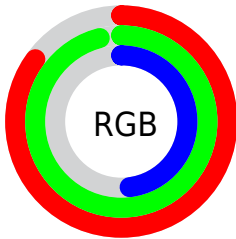
Format	Color
RYB	123, 245, 151
Decimal	14284155
CIELab	92.35, -26.86, 55.16
CIELCh	92, 61.354, 115.958
Yxy	81.4866, 0.3656, 0.4594
Android (android.graphics.Color)	4292474235 (0xFFD9F57B)
YUV	222.7200, -49.1620, -5.0164
Hunter-Lab	90.2699, -29.7520, 42.7952

Details

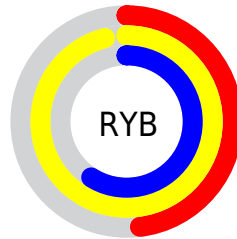
The Hex color **D9F57B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **977BF5**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFB2**, and **A0BD46** is the 20% darker color. If you saturate the color by 10%, you get **D3F562**, and if you desaturate by 10%, it is **DFF593**.

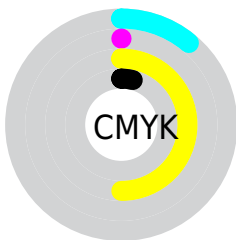
Distribution



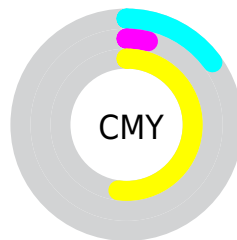
- Red (85%)
- Green (96%)
- Blue (48%)



- Red (48%)
- Yellow (96%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (50%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9F57B 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 D9F57B by changing the saturation by 10% instead.

 D9F57B

 D9F57B

FFFFFF

 BCD960

 FFFFB2

 A0BD46

 FFFFCE

 84A22A

 FFFFEB


 698706

 4F6E00

 355500

 193E00

 002800

 000F00

 D9F57B

 D9F57B

 D3F562

 DFF593

 CEF54A

 E4F5AC

 C8F531

 EAF5C4

 C3F519

 EFF5DD

 BDF500

 F5F5F6

 FBF5FF

 FFF5FF

Harmonies

Analogous

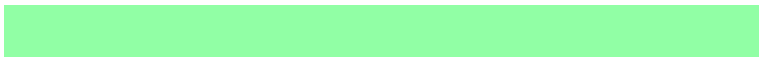
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE370



D9F57B



91FFA5

Triad

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



D9F57B



00FFFF



FFB8F4

Complementary

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



D9F57B



977BF5

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.



FFC6FF



D9F57B



6DF2FF

Square

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



D9F57B



00FFFF



E1DDFF



FFBCB9

Rectangle

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



D9F57B



4BFFCA



E1DDFF



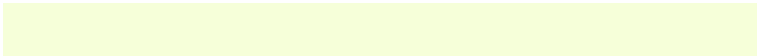
FFBBFF

Sweetspot

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



D9F57B



F6FFD9



F5957B



7A8069



000000



808080

Same Dimension

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



D9F57B



DCFF66



9EF57B



787A6E



8FBA00



2D3B00

Inverse Universe

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



977BF5



8966FF



D27BF5



716E7A



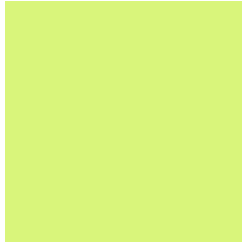
2B00BA



0D003B

Previews

White Background



This preview shows how the Hex color D9F57B looks on a white background.

Color Contrast Check

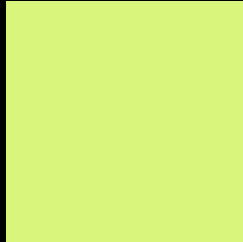
Large Text (above 18pt) WCAG AA × Fail

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 D9F57B 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 D9F57B Background



This preview shows how black text looks on a background with the Hex color D9F57B.

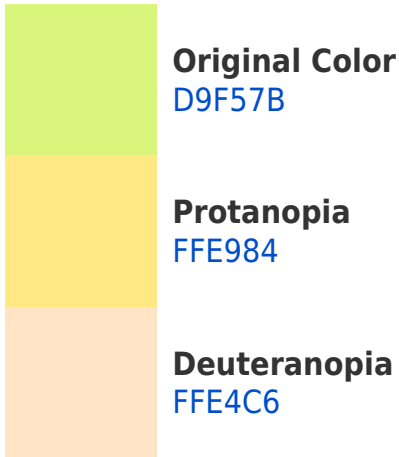


This preview shows how white text looks on a background with the Hex color D9F57B.

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



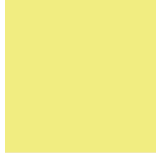


Tritanopia
E8E7F9

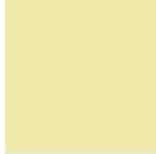
Trichromacy



Original Color
D9F57B



Protanomaly
F1ED81



Deuteranomaly
F1EAAB

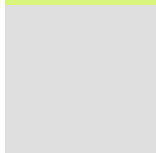


Tritanomaly
E3ECCB

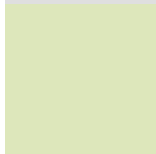
Monochromacy



Original Color
D9F57B



Achromatopsia
DFDFDF



Achromatomaly
DDE7BB

CSS Examples

Text

The CSS property to change the color of the text to Hex D9F57B 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 #D9F57B looks like.

```
.text, #text, p{  
    color:#D9F57B  
}
```

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 #D9F57B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9F57B
}
```

Border

The CSS property to change the border of an element to Hex D9F57B 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
#D9F57B }
```

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

```
.border{ border-color:#D9F57B }
```

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

Here you see how a box with a 4 pixel #D9F57B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9F57B; -webkit-box-shadow:4px 4px  
4px 4px #D9F57B; box-shadow:4px 4px 4px  
4px #D9F57B }
```

Background

The CSS property to change the background color of an element to Hex D9F57B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9F57B }
```

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

```
.background{ background-color:#D9F57B }
```

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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