

Converting Colors

Hex(D6F49A)

Have a look what the booklet for
Hex(D6F49A) contains.

Hex(D6F49A)	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(D6F49A)

Conversions

Conversions Part 1

Format	Color
Hex	D6F49A
RGB	214, 244, 154
RGB Percent	84%, 96%, 60%
CMY	0.1608, 0.0431, 0.3961
CMYK	0.12, 0.00, 0.37, 0.04
HSL	80°, 80%, 78%
HSV	80°, 37%, 96%
XYZ	65.9150, 81.3306, 42.7961
YIQ	224.7700, 11.0100, -34.3500

Conversions

Conversions Part 2

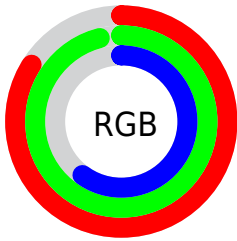
Format	Color
RYB	154, 244, 184
Decimal	14087322
CIELab	92.28, -24.14, 40.18
CIELCh	92, 46.881, 120.999
Yxy	81.3306, 0.3468, 0.4280
Android (android.graphics.Color)	4292277402 (0xFFD6F49A)
YUV	224.7700, -34.8896, -9.4453
Hunter-Lab	90.1835, -27.3557, 34.9927

Details

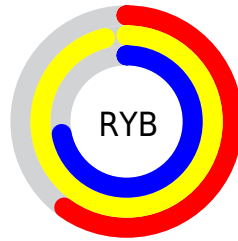
The Hex color **D6F49A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B89AF4**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFD1**, and **9EBC65** is the 20% darker color. If you saturate the color by 10%, you get **CEF482**, and if you desaturate by 10%, it is **DEF4B2**.

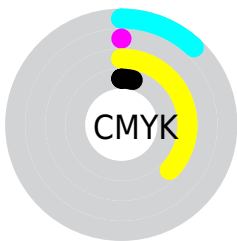
Distribution



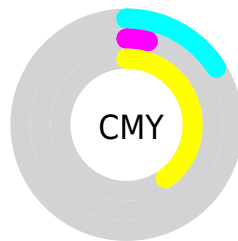
- Red (84%)
- Green (96%)
- Blue (60%)



- Red (60%)
- Yellow (96%)
- Blue (72%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6F49A 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 D6F49A by changing the saturation by 10% instead.

 D6F49A

FFFFFF

 FFFFD1

 FFFFEE

 D6F49A

 BAD87F

 9EBC65

 83A14C

 698634

 4F6D1A

 365500

 1F3D00

 022700

 000F00

 D6F49A

 D6F49A

 CEF482

 DEF4B2

 C6F469

 E6F4CB

 BEF451

 EEF4E3

 B5F438

 F7F4FC

 ADF420

 FFF4FF

 A5F408

 A3F400

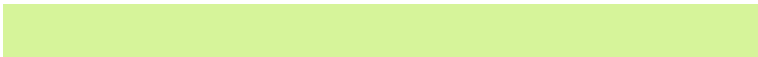
Harmonies

Analogous

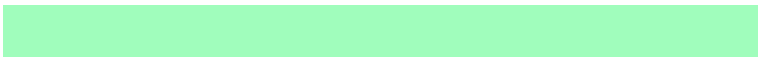
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE78E



D6F49A



A0FDBC

Triad

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



D6F49A



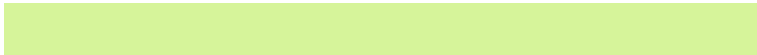
5BF9FF



FFC6E9

Complementary

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



D6F49A



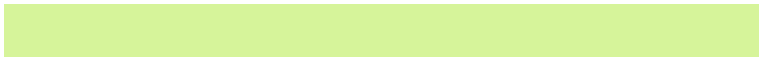
B89AF4

Split Complementary

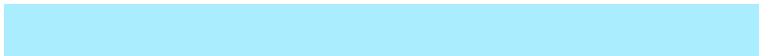
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCDFF



D6F49A



AAEDFF

Square

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



D6F49A



2DFFFF



F0DDFF



FFCABD

Rectangle

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



D6F49A



78FFD9



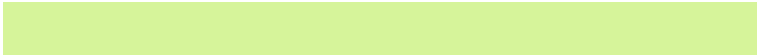
F0DDFF



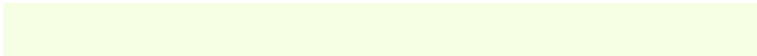
FFC7F8

Sweetspot

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



D6F49A



F6FFE3



F4B89A



7A806F



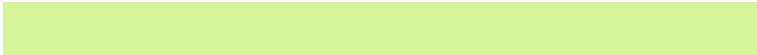
000000



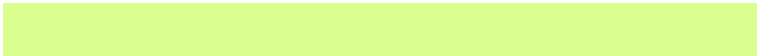
808080

Same Dimension

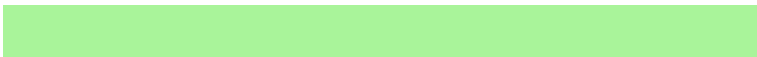
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D6F49A



DAFF8F



A9F49A



767A6E



7CBA00



273B00

Inverse Universe

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



B89AF4



B48FFF



E59AF4



726E7A



3E00BA



14003B

Previews

White Background



This preview shows how the Hex color D6F49A 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 D6F49A 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

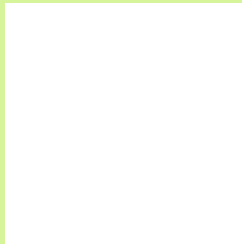
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D6F49A Background



This preview shows how black text looks on a background with the Hex color D6F49A.

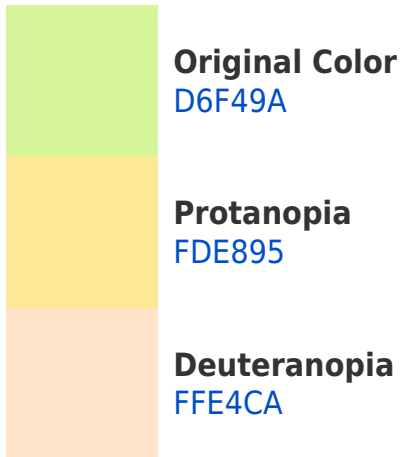


This preview shows how white text looks on a background with the Hex color D6F49A.

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



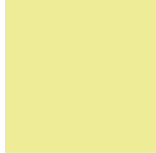


Tritanopia
E3E8FB

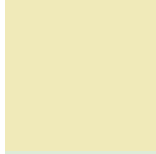
Trichromacy



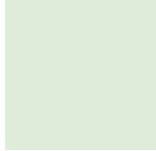
Original Color
D6F49A



Protanomaly
EFEC97



Deuteranomaly
F0EAB9

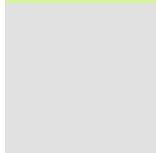


Tritanomaly
DEECD8

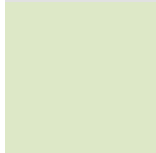
Monochromacy



Original Color
D6F49A



Achromatopsia
E1E1E1



Achromatomaly
DDE8C7

CSS Examples

Text

The CSS property to change the color of the text to Hex D6F49A 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 #D6F49A looks like.

```
.text, #text, p{  
    color:#D6F49A  
}
```

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 #D6F49A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6F49A
}
```

Border

The CSS property to change the border of an element to Hex D6F49A 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
#D6F49A }
```

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

```
.border{ border-color:#D6F49A }
```

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

Here you see how a box with a 4 pixel #D6F49A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6F49A; -webkit-box-shadow:4px 4px  
4px 4px #D6F49A; box-shadow:4px 4px 4px  
4px #D6F49A }
```

Background

The CSS property to change the background color of an element to Hex D6F49A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6F49A }
```

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

```
.background{ background-color:#D6F49A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor