

Converting Colors

Hex(D2F1A7)

Have a look what the booklet for
Hex(D2F1A7) contains.

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Color

Hex(D2F1A7)

Conversions

Conversions Part 1

Format	Color
Hex	D2F1A7
RGB	210, 241, 167
RGB Percent	82%, 95%, 65%
CMY	0.1765, 0.0549, 0.3451
CMYK	0.13, 0.00, 0.31, 0.05
HSL	85°, 73%, 80%
HSV	85°, 31%, 95%
XYZ	65.0087, 79.4023, 48.4591
YIQ	223.2950, 5.2780, -29.5860

Conversions

Conversions Part 2

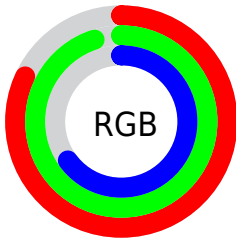
Format	Color
RYB	167, 241, 198
Decimal	13824423
CIELab	91.42, -22.46, 32.50
CIELCh	91, 39.509, 124.651
Yxy	79.4023, 0.3371, 0.4117
Android (android.graphics.Color)	4292014503 (0xFFD2F1A7)
YUV	223.2950, -27.7534, -11.6597
Hunter-Lab	89.1079, -25.7142, 30.1322

Details

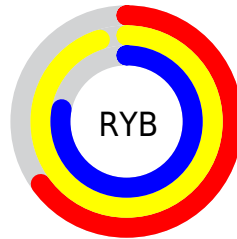
The Hex color **D2F1A7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C6A7F1**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFDF**, and **9BB972** is the 20% darker color. If you saturate the color by 10%, you get **C8F18F**, and if you desaturate by 10%, it is **DCF1BF**.

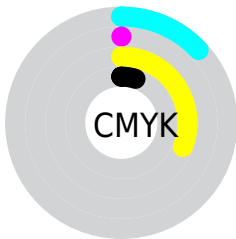
Distribution



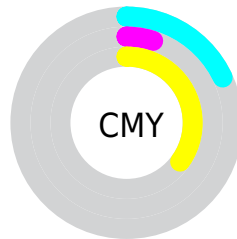
- Red (82%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2F1A7 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 D2F1A7 by changing the saturation by 10% instead.

 D2F1A7

FFFFFF

 FFFFDF

 FFFFFB

 D2F1A7

 B6D58C

 9BB972

 809E59

 668441

 4D6A29

 355211

 1E3B00

 032500

 000A00

 D2F1A7

 D2F1A7

 C8F18F

 DCF1BF

 BEF177

 E6F1D7

 B4F15F

 F0F1EF

 AAF147

 FAF1FF

 A0F12E

 FFF1FF

 95F116

 8CF100

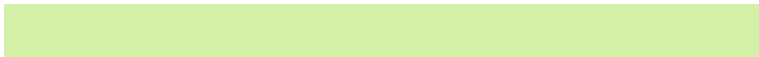
Harmonies

Analogous

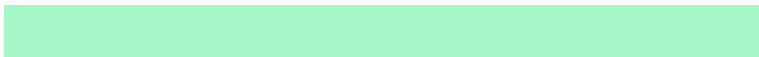
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FBE69A



D2F1A7



A5F8C5

Triad

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



D2F1A7



85F3FF



FFCAE2

Complementary

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



D2F1A7



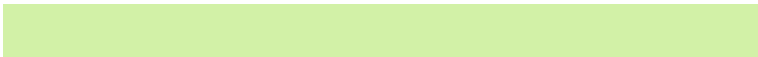
C6A7F1

Split Complementary

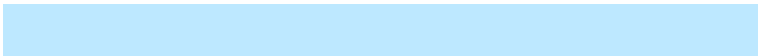
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCFFF



D2F1A7



BDE8FF

Square

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



D2F1A7



68FAFF



F3DBFF



FFCEBD

Rectangle

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



D2F1A7



88FBDE



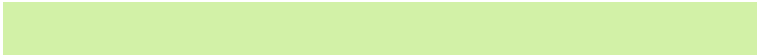
F3DBFF



FFCAEF

Sweetspot

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



D2F1A7



F5FFE8



F1C6A7



7A8071



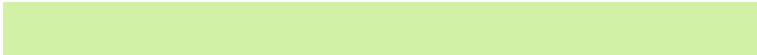
000000



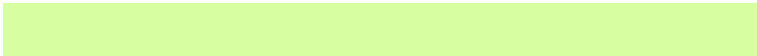
808080

Same Dimension

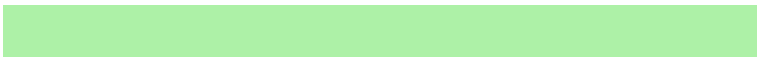
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D2F1A7



D7FFA1



ADF1A7



73786C



6BB800



213800

Inverse Universe

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



C6A7F1



C8A1FF



EBA7F1



716C78



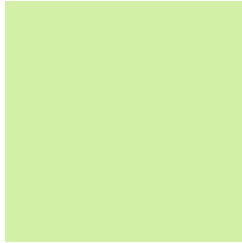
4D00B8



180038

Previews

White Background



This preview shows how the Hex color D2F1A7 looks on a white background.

Color Contrast Check

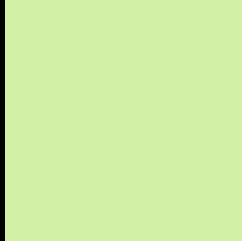
Large Text (above 18pt) WCAG AA × Fail

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 D2F1A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

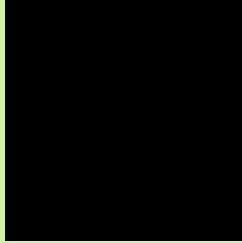
Any Text WCAG AA ✓ Pass

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 D2F1A7 Background



This preview shows how black text looks on a background with the Hex color D2F1A7.

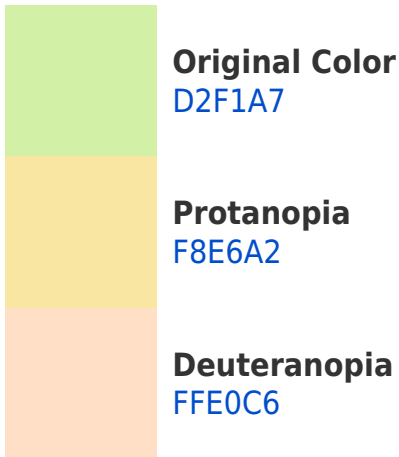


This preview shows how white text looks on a background with the Hex color D2F1A7.

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
DEE7F9

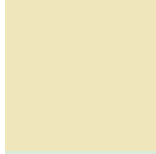
Trichromacy



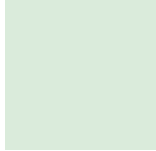
Original Color
D2F1A7



Protanomaly
EAEAA4



Deuteranomaly
EFE6BB

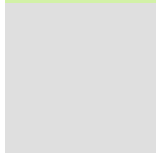


Tritanomaly
DAEBDB

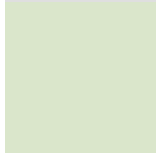
Monochromacy



Original Color
D2F1A7



Achromatopsia
DFDFDF



Achromatomaly
DAE6CB

CSS Examples

Text

The CSS property to change the color of the text to Hex D2F1A7 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 #D2F1A7 looks like.

```
.text, #text, p{  
    color:#D2F1A7  
}
```

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 #D2F1A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2F1A7
}
```

Border

The CSS property to change the border of an element to Hex D2F1A7 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
#D2F1A7 }
```

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

```
.border{ border-color:#D2F1A7 }
```

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

Here you see how a box with a 4 pixel #D2F1A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2F1A7; -webkit-box-shadow:4px 4px  
4px 4px #D2F1A7; box-shadow:4px 4px 4px  
4px #D2F1A7 }
```

Background

The CSS property to change the background color of an element to Hex D2F1A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2F1A7 }
```

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

```
.background{ background-color:#D2F1A7 }
```

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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