

Converting Colors

Hex(D5F488)

Have a look what the booklet for
Hex(D5F488) contains.

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Color

Hex(D5F488)

Conversions

Conversions Part 1

Format	Color
Hex	D5F488
RGB	213, 244, 136
RGB Percent	84%, 96%, 53%
CMY	0.1647, 0.0431, 0.4667
CMYK	0.13, 0.00, 0.44, 0.04
HSL	77°, 83%, 75%
HSV	77°, 44%, 96%
XYZ	64.2352, 80.6251, 35.4692
YIQ	222.4190, 16.1920, -40.1600

Conversions

Conversions Part 2

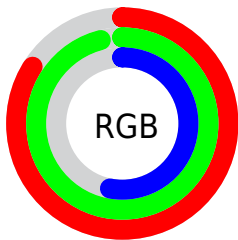
Format	Color
RYB	136, 244, 167
Decimal	14021768
CIELab	91.96, -26.58, 48.53
CIELCh	92, 55.336, 118.711
Yxy	80.6251, 0.3562, 0.4471
Android (android.graphics.Color)	4292211848 (0xFFD5F488)
YUV	222.4190, -42.6046, -8.2605
Hunter-Lab	89.7915, -29.4394, 39.4334

Details

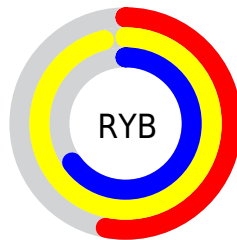
The Hex color **D5F488** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A788F4**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFBF**, and **9DBC53** is the 20% darker color. If you saturate the color by 10%, you get **CEF470**, and if you desaturate by 10%, it is **DCF4A0**.

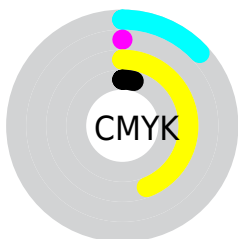
Distribution



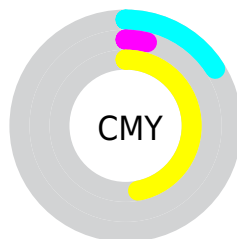
- Red (84%)
- Green (96%)
- Blue (53%)



- Red (53%)
- Yellow (96%)
- Blue (65%)



- Cyan (13%)
- Magenta (0%)
- Yellow (44%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5F488 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 D5F488 by changing the saturation by 10% instead.

 D5F488

 D5F488

FFFFFF

 B8D86D

 FFFFBF

 9DBC53

 FFFFDB

 81A13A

 FFFFF8

 67861F

 4C6D00

 335400

 193D00

 002700

 000D00

 D5F488

 D5F488

 CEF470

 DCF4A0

 C7F457

 E3F4B9

 C0F43F

 EAF4D1

 B9F426

 F1F4EA

 B2F40E

 F8F4FF

 AEF400

 FFF4FF

Harmonies

Analogous

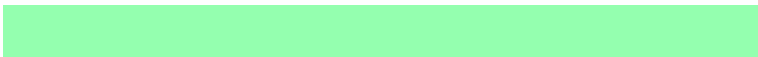
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE47C



D5F488



94FFAF

Triad

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



D5F488



00FCFF



FFBDEC

Complementary

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



D5F488



A788F4

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.



FFC8FF



D5F488



8EEEFF

Square

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



D5F488



00FFFF



E9DBFF



FFC1B8

Rectangle

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



D5F488



5CFFD1



E9DBFF



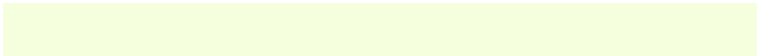
FFBFFE

Sweetspot

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



D5F488



F5FFDE



F4A788



7A806B



000000



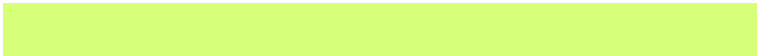
808080

Same Dimension

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



D5F488



D8FF78



9FF488



777A6E



85BA00



2A3B00

Inverse Universe

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



A788F4



9F78FF



DD88F4



726E7A



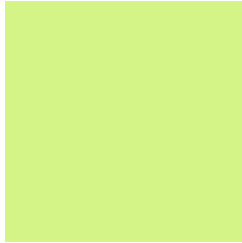
3500BA



11003B

Previews

White Background



This preview shows how the Hex color D5F488 looks on a white background.

Color Contrast Check

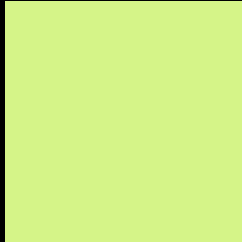
Large Text (above 18pt) WCAG AA × Fail

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 D5F488 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

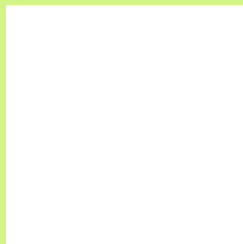
Any Text WCAG AAA ✓ Pass

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

Hex D5F488 Background



This preview shows how black text looks on a background with the Hex color D5F488.

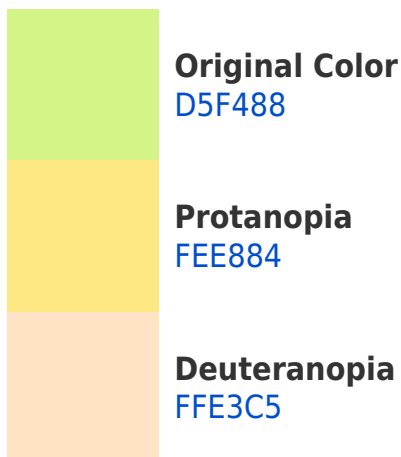


This preview shows how white text looks on a background with the Hex color D5F488.

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



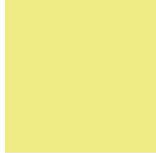


Tritanopia
E3E7F9

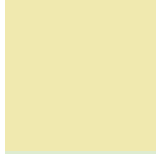
Trichromacy



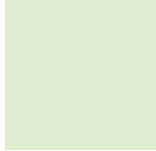
Original Color
D5F488



Protanomaly
EFEC85



Deuteranomaly
F0E9AF

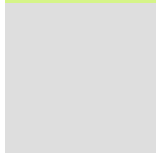


Tritanomaly
DEECD0

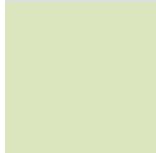
Monochromacy



Original Color
D5F488



Achromatopsia
DEDEDE



Achromatomaly
DBE6BF

CSS Examples

Text

The CSS property to change the color of the text to Hex D5F488 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 #D5F488 looks like.

```
.text, #text, p{  
    color:#D5F488  
}
```

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 #D5F488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5F488
}
```

Border

The CSS property to change the border of an element to Hex D5F488 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
#D5F488 }
```

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

```
.border{ border-color:#D5F488 }
```

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

Here you see how a box with a 4 pixel #D5F488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5F488; -webkit-box-shadow:4px 4px  
4px 4px #D5F488; box-shadow:4px 4px 4px  
4px #D5F488 }
```

Background

The CSS property to change the background color of an element to Hex D5F488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5F488 }
```

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

```
.background{ background-color:#D5F488 }
```

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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