

Converting Colors

Hex(D5F951)

Have a look what the booklet for
Hex(D5F951) contains.

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Color

Hex(D5F951)

Conversions

Conversions Part 1

Format	Color
Hex	D5F951
RGB	213, 249, 81
RGB Percent	84%, 98%, 32%
CMY	0.1647, 0.0235, 0.6824
CMYK	0.14, 0.00, 0.67, 0.02
HSL	73°, 93%, 65%
HSV	73°, 67%, 98%
XYZ	62.8015, 82.4916, 20.3971
YIQ	219.0840, 32.4720, -59.8800

Conversions

Conversions Part 2

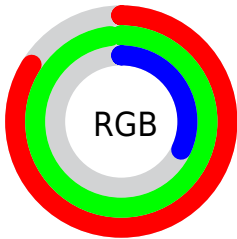
Format	Color
RYB	81, 249, 117
Decimal	14022993
CIELab	92.79, -33.44, 73.13
CIELCh	93, 80.415, 114.569
Yxy	82.4916, 0.3790, 0.4979
Android (android.graphics.Color)	4292213073 (0xFFD5F951)
YUV	219.0840, -68.0754, -5.3357
Hunter-Lab	90.8249, -35.5185, 50.2623

Details

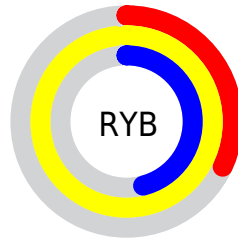
The Hex color **D5F951** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7551F9**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF8A**, and **9BC100** is the 20% darker color. If you saturate the color by 10%, you get **D0F938**, and if you desaturate by 10%, it is **DAF96A**.

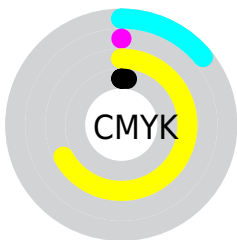
Distribution



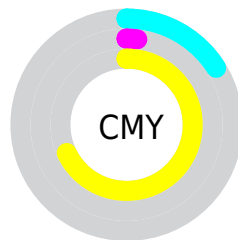
- Red (84%)
- Green (98%)
- Blue (32%)



- Red (32%)
- Yellow (98%)
- Blue (46%)



- Cyan (14%)
- Magenta (0%)
- Yellow (67%)
- Black (2%)



- Cyan (16%)
- Magenta (2%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5F951 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 D5F951 by changing the saturation by 10% instead.

 D5F951

 D5F951

FFFFFF

 B8DC32

 FFFF8A

 9BC100

 FFFFA7

 7EA500

 FFFFC4

 628B00

 FFFF E1

 467100

 295900

 054100

 002A00

 001100

 D5F951

 D5F951

 D0F938

 DAF96A

 CAF91F

 E0F983

 C5F906

 E5F99C

 C4F900

 EAF9B5

 F0F9CE

 F5F9E6

 FAF9FF

 FFF9FF

Harmonies

Analogous

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



FFE243



D5F951



6FFF8C

Triad

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



D5F951



00FFFF



FFA4FC

Complementary

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



D5F951



7551F9

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.



FFBBFF



D5F951



00F7FF

Square

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



D5F951



00FFFF



D3DCFF



FFA9AF

Rectangle

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



D5F951



00FFBE



D3DCFF



FFA9FF

Sweetspot

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



D5F951



F4FFCC



F97351



798061



000000



808080

Same Dimension

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



D5F951



D3FF30



83F951



7A7D70



94BD00



303D00

Inverse Universe

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



7551F9



5D30FF



C751F9



73707D



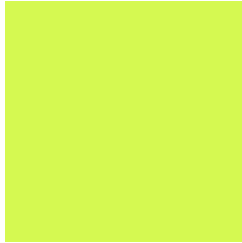
2800BD



0D003D

Previews

White Background



This preview shows how the Hex color D5F951 looks on a white background.

Color Contrast Check

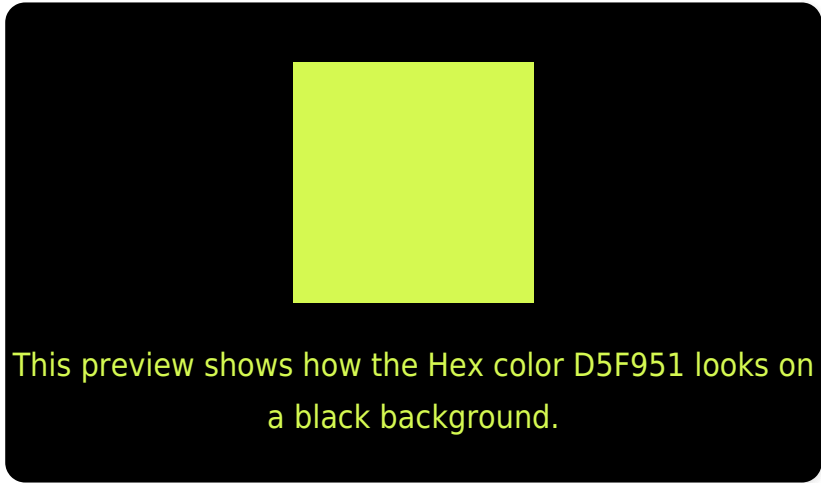
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 D5F951 Background



This preview shows how black text looks on a background with the Hex color D5F951.

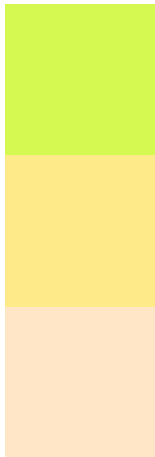


This preview shows how white text looks on a background with the Hex color D5F951.

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



Original Color
D5F951

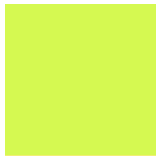
Protanopia
FFEA8A

Deuteranopia
FFE6C7

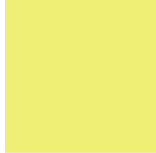


Tritanopia
E7E9FB

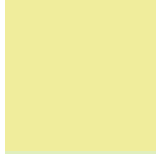
Trichromacy



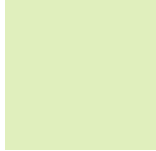
Original Color
D5F951



Protanomaly
F0EF75



Deuteranomaly
F0ED9C

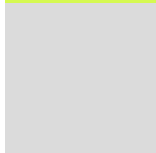


Tritanomaly
E0EFBD

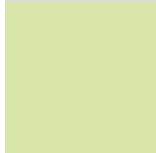
Monochromacy



Original Color
D5F951



Achromatopsia
DBDBDB



Achromatomaly
D9E6A9

CSS Examples

Text

The CSS property to change the color of the text to Hex D5F951 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 #D5F951 looks like.

```
.text, #text, p{  
    color:#D5F951  
}
```

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 #D5F951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5F951
}
```

Border

The CSS property to change the border of an element to Hex D5F951 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
#D5F951 }
```

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

```
.border{ border-color:#D5F951 }
```

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

Here you see how a box with a 4 pixel #D5F951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5F951; -webkit-box-shadow:4px 4px  
4px 4px #D5F951; box-shadow:4px 4px 4px  
4px #D5F951 }
```

Background

The CSS property to change the background color of an element to Hex D5F951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5F951 }
```

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

```
.background{ background-color:#D5F951 }
```

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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