

Converting Colors

Hex(D6FF95)

Have a look what the booklet for
Hex(D6FF95) contains.

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Color

Hex(D6FF95)

Conversions

Conversions Part 1

Format	Color
Hex	D6FF95
RGB	214, 255, 149
RGB Percent	84%, 100%, 58%
CMY	0.1608, 0.0000, 0.4157
CMYK	0.16, 0.00, 0.42, 0.00
HSL	83°, 100%, 79%
HSV	83°, 42%, 100%
XYZ	68.9164, 87.9861, 41.7845
YIQ	230.6570, 9.5900, -41.6580

Conversions

Conversions Part 2

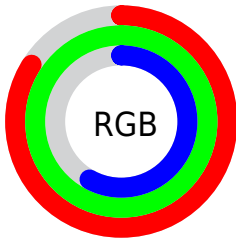
Format	Color
RYB	149, 255, 190
Decimal	14090133
CIELab	95.16, -29.93, 46.31
CIELCh	95, 55.136, 122.872
Yxy	87.9861, 0.3469, 0.4428
Android (android.graphics.Color)	4292280213 (0xFFD6FF95)
YUV	230.6570, -40.2569, -14.6082
Hunter-Lab	93.8009, -33.0060, 39.2493

Details

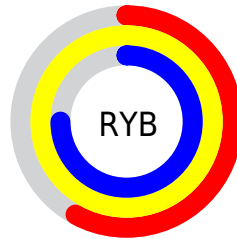
The Hex color **D6FF95** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BE95FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFCC**, and **9EC660** is the 20% darker color. If you saturate the color by 10%, you get **CCFF7C**, and if you desaturate by 10%, it is **E0FFAF**.

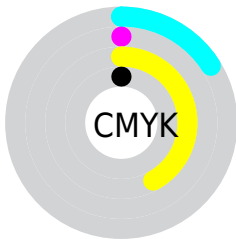
Distribution



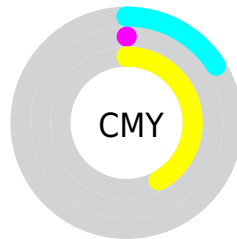
- Red (84%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6FF95 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 D6FF95 by changing the saturation by 10% instead.

 D6FF95

 D6FF95

FFFFFF

 BAE27A

 FFFFCC

 9EC660

 FFFFEE

 82AB46

 68902D

 4D7610

 335D00

 1A4500

 002F00

 001B00

 D6FF95

 D6FF95

 CCFF7C

 E0FFAF

 C2FF62

 EAFFC8

 B8FF49

 F4FFE2

 AFFF2F

 FDFFFB

 A5FF16

FFFFFF

 9CFF00

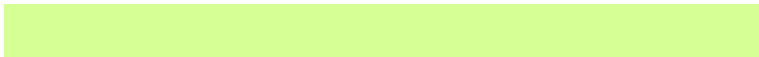
Harmonies

Analogous

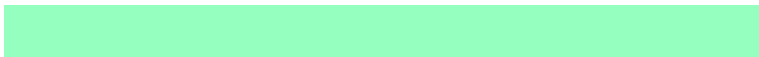
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF085



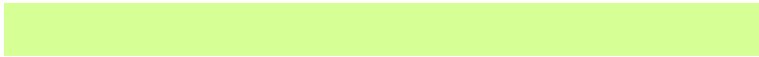
D6FF95



94FFBF

Triad

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



D6FF95



13FFFF



FFC6EE

Complementary

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



D6FF95



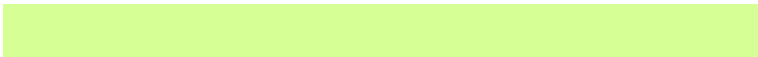
BE95FF

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



D6FF95



A7F5FF

Square

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



D6FF95



00FFFF



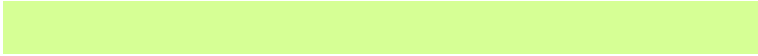
FDE1FF



FFCCBA

Rectangle

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



D6FF95



5AFFE2



FDE1FF



FFC7FF

Sweetspot

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



D6FF95



F3FFE0



FFBE95



79806E



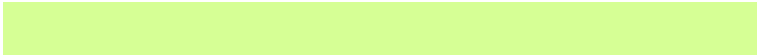
000000



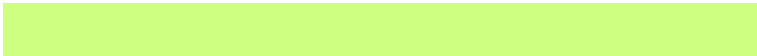
808080

Same Dimension

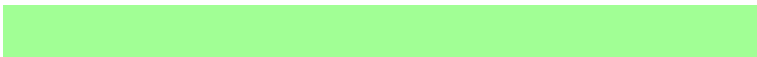
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D6FF95



CEFF80



A1FF95



7B8073



75BF00



274000

Inverse Universe

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



BE95FF



B180FF



F395FF



787380



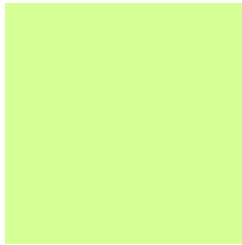
4A00BF



190040

Previews

White Background



This preview shows how the Hex color D6FF95 looks on a white background.

Color Contrast Check

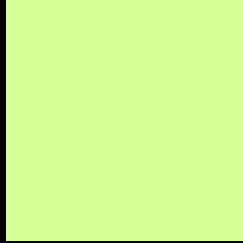
Large Text (above 18pt) WCAG AA × Fail

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 D6FF95 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

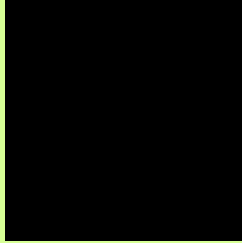
Any Text WCAG AA ✓ Pass

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 D6FF95 Background



This preview shows how black text looks on a background with the Hex color D6FF95.

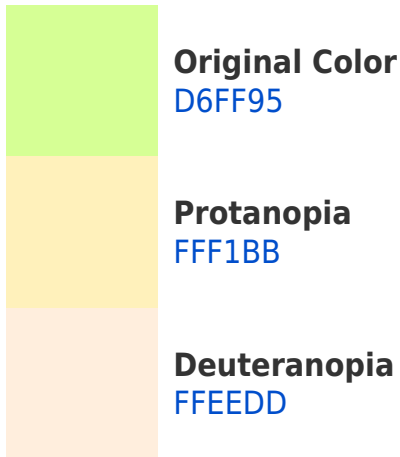


This preview shows how white text looks on a background with the Hex color D6FF95.

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



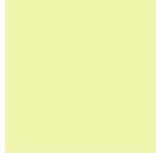


Tritanopia
E9F1FF

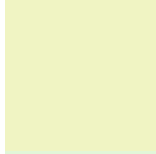
Trichromacy



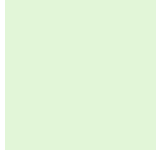
Original Color
D6FF95



Protanomaly
F0F6AD

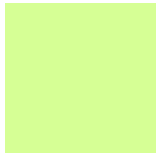


Deuteranomaly
F0F4C3

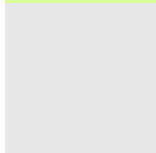


Tritanomaly
E2F6D8

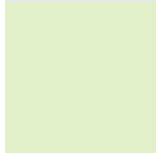
Monochromacy



Original Color
D6FF95



Achromatopsia
E7E7E7



Achromatomaly
E1F0C9

CSS Examples

Text

The CSS property to change the color of the text to Hex D6FF95 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 #D6FF95 looks like.

```
.text, #text, p{  
    color:#D6FF95  
}
```

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 #D6FF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6FF95
}
```

Border

The CSS property to change the border of an element to Hex D6FF95 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
#D6FF95 }
```

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

```
.border{ border-color:#D6FF95 }
```

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

Here you see how a box with a 4 pixel #D6FF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6FF95; -webkit-box-shadow:4px 4px  
4px 4px #D6FF95; box-shadow:4px 4px 4px  
4px #D6FF95 }
```

Background

The CSS property to change the background color of an element to Hex D6FF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6FF95 }
```

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

```
.background{ background-color:#D6FF95 }
```

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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