

Converting Colors

Hex(D9E1FF)

Have a look what the booklet for
Hex(D9E1FF) contains.

Hex(D9E1FF)	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(D9E1FF)

Conversions

Conversions Part 1

Format	Color
Hex	D9E1FF
RGB	217, 225, 255
RGB Percent	85%, 88%, 100%
CMY	0.1490, 0.1176, 0.0000
CMYK	0.15, 0.12, 0.00, 0.00
HSL	227°, 100%, 93%
HSV	227°, 15%, 100%
XYZ	73.5905, 75.8221, 105.3642
YIQ	226.0280, -14.3980, 7.6340

Conversions

Conversions Part 2

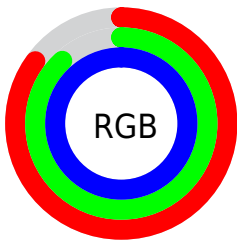
Format	Color
R _Y B	217, 224, 255
Decimal	14279167
CIE Lab	89.78, 3.19, -15.45
CIE LCh	90, 15.774, 281.671
Yxy	75.8221, 0.2888, 0.2976
Android (android.graphics.Color)	4292469247 (0xFFD9E1FF)
YUV	226.0280, 14.2832, -7.9176
Hunter-Lab	87.0759, -1.5271, -10.7894

Details

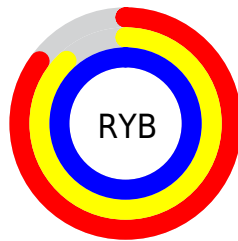
The Hex color **D9E1FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF7D9**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **A2AAC6** is the 20% darker color. If you saturate the color by 10%, you get **C0CDFF**, and if you desaturate by 10%, it is **F3F5FF**.

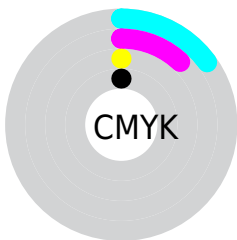
Distribution



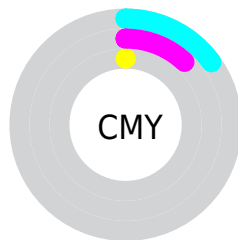
- Red (85%)
- Green (88%)
- Blue (100%)



- Red (85%)
- Yellow (88%)
- Blue (100%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9E1FF 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 D9E1FF by changing the saturation by 10% instead.

 D9E1FF

FFFFFF

 D9E1FF

 BDC5E2

 A2AAC6

 878FAB

 6E7690

 555D77

 3D465E

 272F46

 101B30

 00001B

 D9E1FF

 D9E1FF

 C0CDFF

 F3F5FF

 A6B9FF

FFFFFF

 8DA5FF

 7390FF

 5A7CFF

 4068FF

 2654FF

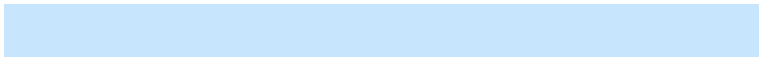
 0D40FF

 0036FF

Harmonies

Analogous

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



C7E6FE



D9E1FF



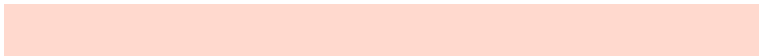
ECDCF8

Triad

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



D9E1FF



FFD9CE



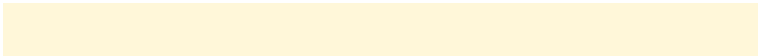
C7EAD8

Complementary

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



D9E1FF



FFF7D9

Split Complementary

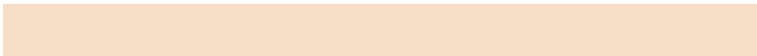
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D6E7CB



D9E1FF



F7DEC6

Square

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



D9E1FF



FFD7DC



E8E3C4



BDEBE7

Rectangle

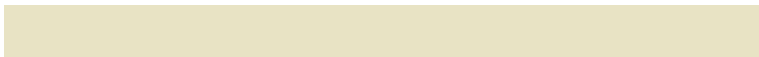
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9E1FF



F6D9F0



E8E3C4



CBE9D3

Sweetspot

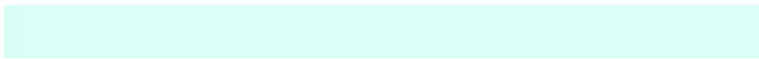
The Sweet Spot groups the original color and five complimentary colors.



D9E1FF



F5F7FF



D9FFF7



797A80



000000



808080

Same Dimension

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



D9E1FF



D1DBFF



E4D9FF



737580



0028BF



000D40

Inverse Universe

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



FFD9E1



FFD1DB



F4FFD9



807375



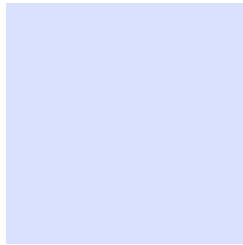
BF0028



40000D

Previews

White Background



This preview shows how the Hex color D9E1FF looks on a white background.

Color Contrast Check

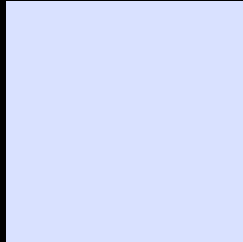
Large Text (above 18pt) WCAG AA × Fail

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 D9E1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

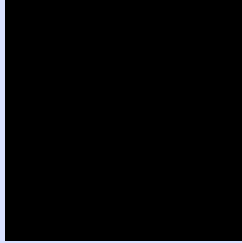
Any Text WCAG AA ✓ Pass

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 D9E1FF Background



This preview shows how black text looks on a background with the Hex color D9E1FF.



This preview shows how white text looks on a background with the Hex color D9E1FF.

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](#).

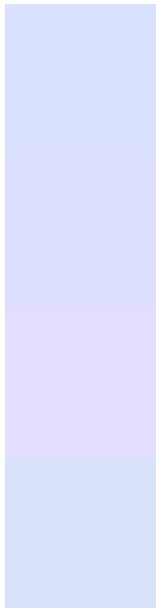
Dichromacy





Tritanopia
D7E3F5

Trichromacy



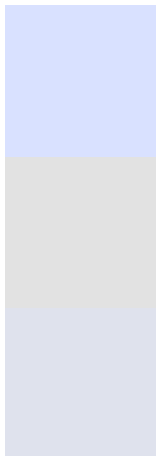
Original Color
D9E1FF

Protanomaly
DCE0FE

Deuteranomaly
E3DEFF

Tritanomaly
D8E2F9

Monochromacy



Original Color
D9E1FF

Achromatopsia
E2E2E2

Achromatomaly
DFE2ED

CSS Examples

Text

The CSS property to change the color of the text to Hex D9E1FF 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 #D9E1FF looks like.

```
.text, #text, p{  
    color:#D9E1FF  
}
```

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 #D9E1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9E1FF  
}
```

Border

The CSS property to change the border of an element to Hex D9E1FF 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  
#D9E1FF }
```

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

```
.border{ border-color:#D9E1FF }
```

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

Here you see how a box with a 4 pixel #D9E1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9E1FF; -webkit-box-shadow:4px 4px  
4px 4px #D9E1FF; box-shadow:4px 4px 4px  
4px #D9E1FF }
```

Background

The CSS property to change the background color of an element to Hex D9E1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9E1FF }
```

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

```
.background{ background-color:#D9E1FF }
```

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