

# Converting Colors

Hex(DCE5FF)

Have a look what the booklet for  
Hex(DCE5FF) contains.

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# **Color**

**Hex(DCE5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCE5FF
RGB	220, 229, 255
RGB Percent	86%, 90%, 100%
CMY	0.1373, 0.1020, 0.0000
CMYK	0.14, 0.10, 0.00, 0.00
HSL	225°, 100%, 93%
HSV	225°, 14%, 100%
XYZ	75.5845, 78.4743, 105.7711
YIQ	229.2730, -13.7100, 6.1780

# Conversions

## Conversions Part 2

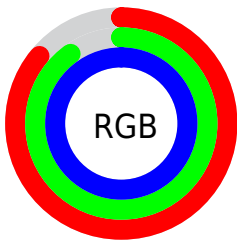
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 227, 255
Decimal	14476799
CIE Lab	91.00, 2.05, -13.60
CIE LCh	91, 13.754, 278.555
Yxy	78.4743, 0.2909, 0.3020
Android (android.graphics.Color)	4292666879 (0xFFDCE5FF)
YUV	229.2730, 12.6834, -8.1324
Hunter-Lab	88.5857, -2.7224, -8.7821

# Details

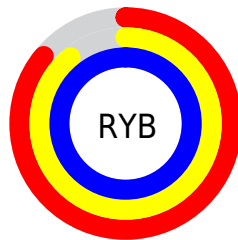
The Hex color **DCE5FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF6DC**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A5AEC6** is the 20% darker color. If you saturate the color by 10%, you get **C3D2FF**, and if you desaturate by 10%, it is **F6F8FF**.

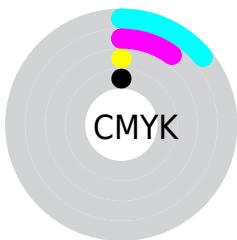
# Distribution



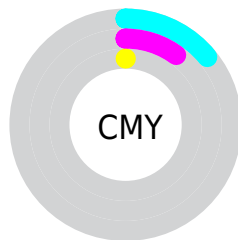
- Red (86%)
- Green (90%)
- Blue (100%)



- Red (86%)
- Yellow (89%)
- Blue (100%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCE5FF 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 DCE5FF by changing the saturation by 10% instead.



 DCE5FF

 DCE5FF

FFFFFF

 C0C9E2

 A5AEC6

 8A93AB

 717990

 586177

 40495E

 293246

 141E30

 00031B

 DCE5FF

 DCE5FF


 C3D2FF

 F6F8FF

 A9BFFF

FFFFFF

 90ACFF

 7699FF

 5D86FF

 4373FF

 2A60FF

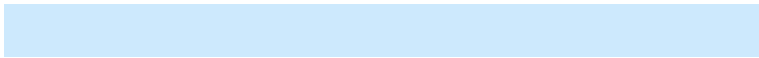
 104DFF

 0042FF

# Harmonies

## Analogous

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



CDE9FD



DCE5FF



EDE1FA

# Triad

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



DCE5FF



FFDED5



CFECDB

# Complementary

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



DCE5FF



FFF6DC

# 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.



DDE9D0



DCE5FF



F9E1CD

# Square

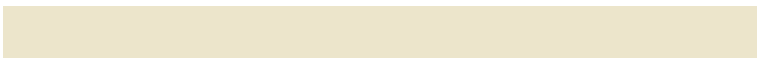
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCE5FF



FFDCE2



ECE5CB



C6EDE9

# Rectangle

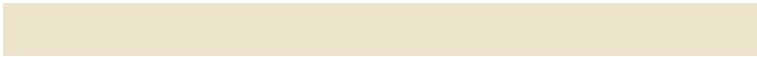
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCE5FF



F6DEF3



ECE5CB



D3EBD7



# Sweetspot

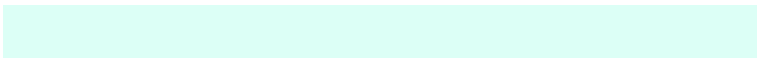
The Sweet Spot groups the original color and five complimentary colors.



DCE5FF



F5F7FF



DCFFF6



797B80



000000



808080



# Same Dimension

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



DCE5FF



D6E1FF



E4DCFF



737680



0031BF



001040



# Inverse Universe

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



FFDCE5



FFD6E1



F7FFDC



807376



BF0031

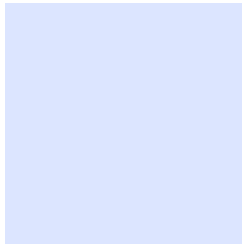


400010



# Previews

## White Background



This preview shows how the Hex color DCE5FF looks on a white background.

## Color Contrast Check

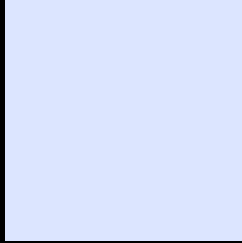
Large Text (above 18pt) WCAG AA × Fail

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 DCE5FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

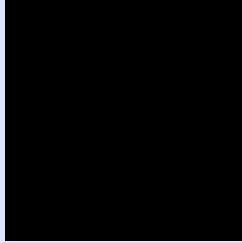
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCE5FF Background



This preview shows how black text looks on a background with the Hex color DCE5FF.



This preview shows how white text looks on a background with the Hex color DCE5FF.

# 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](#).

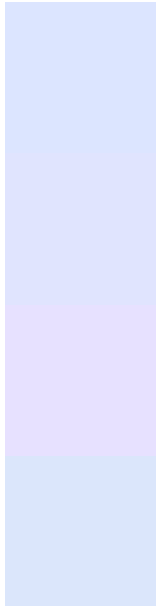
## Dichromacy





**Tritanopia**  
DBE6F8

# Trichromacy



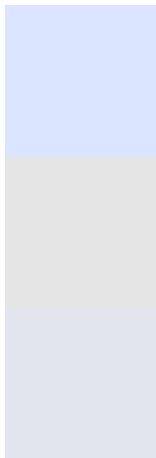
**Original Color**  
DCE5FF

**Protanomaly**  
E0E4FE

**Deuteranomaly**  
E7E1FF

**Tritanomaly**  
DBE6FB

# Monochromacy



**Original Color**  
DCE5FF

**Achromatopsia**  
E5E5E5

**Achromatomaly**  
E2E5EE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCE5FF 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 #DCE5FF looks like.

```
.text, #text, p{  
    color:#DCE5FF  
}
```

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 #DCE5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE5FF
}
```

## Border

The CSS property to change the border of an element to Hex DCE5FF 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
#DCE5FF }
```

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

```
.border{ border-color:#DCE5FF }
```

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

Here you see how a box with a 4 pixel #DCE5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE5FF; -webkit-box-shadow:4px 4px  
4px 4px #DCE5FF; box-shadow:4px 4px 4px  
4px #DCE5FF }
```

# Background

The CSS property to change the background color of an element to Hex DCE5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE5FF }
```

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

```
.background{ background-color:#DCE5FF }
```

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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