

Converting Colors

Hex(96DEFF)

Have a look what the booklet for
Hex(96DEFF) contains.

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Color

Hex(96DEFF)

Conversions

Conversions Part 1

Format	Color
Hex	96DEFF
RGB	150, 222, 255
RGB Percent	59%, 87%, 100%
CMY	0.4118, 0.1294, 0.0000
CMYK	0.41, 0.13, 0.00, 0.00
HSL	199°, 100%, 79%
HSV	199°, 41%, 100%
XYZ	56.7490, 65.9466, 104.3457
YIQ	204.2340, -53.5050, -5.0010

Conversions

Conversions Part 2

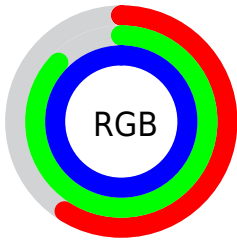
Format	Color
R _Y B	150, 193, 255
Decimal	9887487
CIE Lab	84.97, -14.19, -23.10
CIE LCh	85, 27.106, 238.445
Yxy	65.9466, 0.2499, 0.2905
Android (android.graphics.Color)	4288077567 (0xFF96DEFF)
YUV	204.2340, 25.0276, -47.5632
Hunter-Lab	81.2075, -17.3748, -19.3381

Details

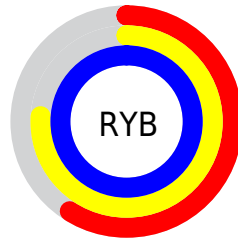
The Hex color **96DEFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB796**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D0FFFF**, and **5DA7C6** is the 20% darker color. If you saturate the color by 10%, you get **7DD6FF**, and if you desaturate by 10%, it is **B0E6FF**.

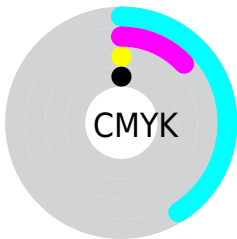
Distribution



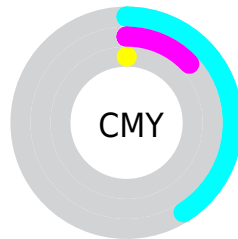
- Red (59%)
- Green (87%)
- Blue (100%)



- Red (59%)
- Yellow (76%)
- Blue (100%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96DEFF 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 96DEFF by changing the saturation by 10% instead.

 96DEFF

FFFFFF

 D0FFFF

 EDFFFF

 96DEFF

 7AC2E2

 5DA7C6

 408CAB

 1D7390

 005A77

 00435E

 002D46

 00192F

 00011B

 96DEFF

 96DEFF

 7DD6FF

 B0E6FF

 63CEFF

 C9EEFF

 4AC6FF

 E3F6FF

 30BEFF

 FCFEFF

 17B6FF

FFFFFF

 00AFFF

Harmonies

Analogous

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



8BE2EC



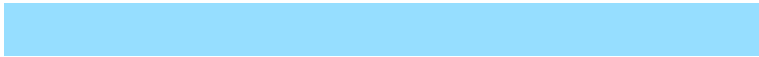
96DEFF



B4D7FF

Triad

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



96DEFF



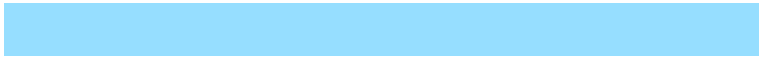
FFC2D6



CDDAA7

Complementary

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



96DEFF



FFB796

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.



E9D2A1



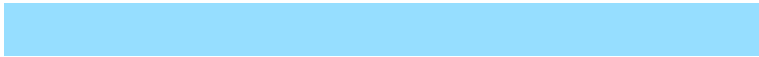
96DEFF



FFC3BD

Square

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



96DEFF



F4C6EF



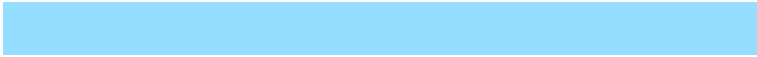
FECAA9



B0E0B9

Rectangle

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



96DEFF



CBD1FF



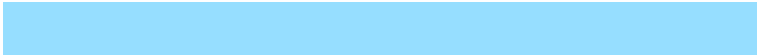
FECAA9



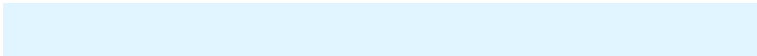
D7D8A3

Sweetspot

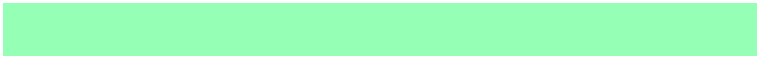
The Sweet Spot groups the original color and five complimentary colors.



96DEFF



E0F5FF



96FFB6



6E7A80



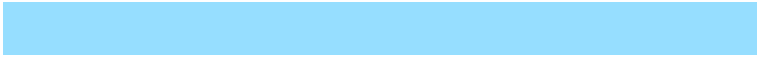
000000



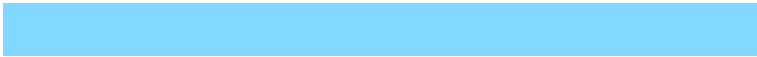
808080

Same Dimension

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



96DEFF



82D8FF



96ABFF



737B80



0083BF



002C40

Inverse Universe

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



FF96DE



FF82D8



FFEA96



80737B



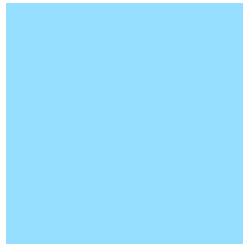
BF0083



40002C

Previews

White Background



This preview shows how the Hex color 96DEFF looks on a white background.

Color Contrast Check

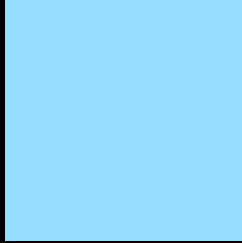
Large Text (above 18pt) WCAG AA × Fail

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 96DEFF 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 96DEFF Background



This preview shows how black text looks on a background with the Hex color 96DEFF.

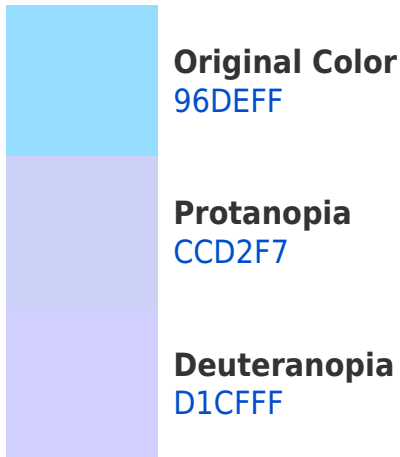


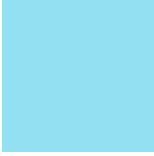
This preview shows how white text looks on a background with the Hex color 96DEFF.

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](#).

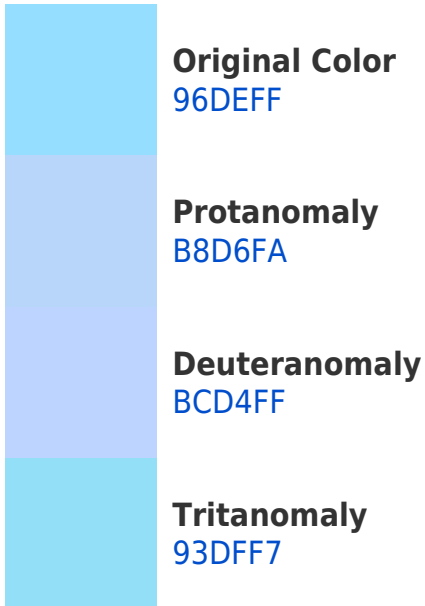
Dichromacy



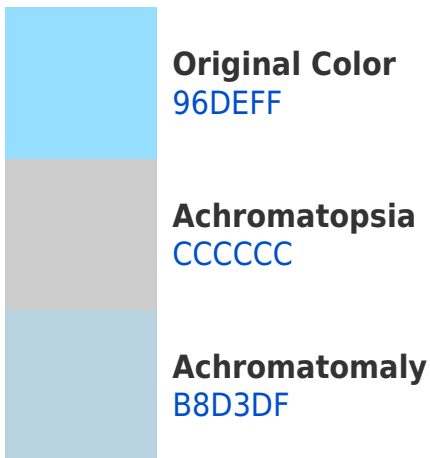


Tritanopia
92E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96DEFF 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 #96DEFF looks like.

```
.text, #text, p{  
    color:#96DEFF  
}
```

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 #96DEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96DEFF  
}
```

Border

The CSS property to change the border of an element to Hex 96DEFF 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  
#96DEFF }
```

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

```
.border{ border-color:#96DEFF }
```

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

Here you see how a box with a 4 pixel #96DEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96DEFF; -webkit-box-shadow:4px 4px  
4px 4px #96DEFF; box-shadow:4px 4px 4px  
4px #96DEFF }
```

Background

The CSS property to change the background color of an element to Hex 96DEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96DEFF }
```

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

```
.background{ background-color:#96DEFF }
```

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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