

# Converting Colors

Hex(95D1FF)

Have a look what the booklet for  
Hex(95D1FF) contains.

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# **Color**

**Hex(95D1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95D1FF
RGB	149, 209, 255
RGB Percent	58%, 82%, 100%
CMY	0.4157, 0.1804, 0.0000
CMYK	0.42, 0.18, 0.00, 0.00
HSL	206°, 100%, 79%
HSV	206°, 42%, 100%
XYZ	53.2449, 59.2105, 103.2302
YIQ	196.3040, -50.5260, 1.5860

# Conversions

## Conversions Part 2

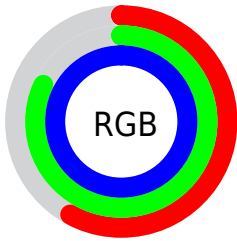
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 187, 255</a>
Decimal	<a href="#">9818623</a>
CIELab	<a href="#">81.41, -7.68, -28.53</a>
CIELCh	<a href="#">81, 29.550, 254.932</a>
Yxy	<a href="#">59.2105, 0.2469, 0.2745</a>
Android (android.graphics.Color)	<a href="#">4288008703 (0xFF95D1FF)</a>
YUV	<a href="#">196.3040, 28.9371, -41.4856</a>
Hunter-Lab	<a href="#">76.9484, -11.1454, -25.6768</a>

# Details

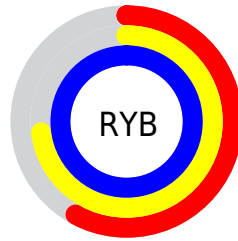
The Hex color **95D1FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC395**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **CEFFFF**, and **5C9BC6** is the 20% darker color. If you saturate the color by 10%, you get **7CC6FF**, and if you desaturate by 10%, it is **AFDCFF**.

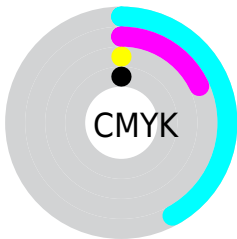
# Distribution



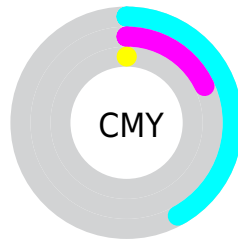
- Red (58%)
- Green (82%)
- Blue (100%)



- Red (58%)
- Yellow (73%)
- Blue (100%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95D1FF 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 95D1FF by changing the saturation by 10% instead.



 95D1FF

 95D1FF

FFFFFF

 79B5E2

 CEFFFF

 5C9BC6

 ECFFFF

 3F81AB

 1D6890

 005076

 00395D

 002446

 000D2F

 00011A

 95D1FF

 95D1FF

 7CC6FF

 AFDCFF

 62BBFF

 C8E7FF

 49B0FF


 E2F2FF

 2FA5FF

 FBFDFE

 169AFF

FFFFFF

 0090FF

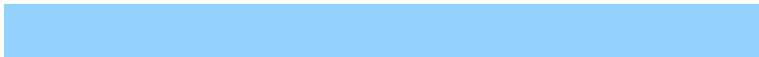
# Harmonies

## Analogous

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



7BD7F0



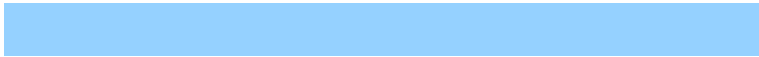
95D1FF



BBC8FF

# Triad

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



95D1FF



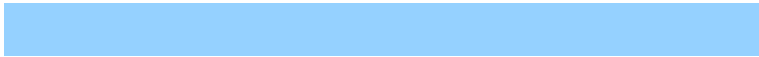
FFB6BD



B1D4A2

# Complementary

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



95D1FF



FFC395

# 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.



D0CD95



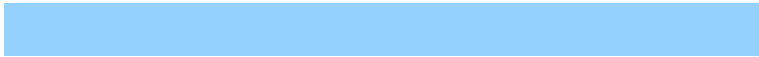
95D1FF



FDBBA4

# Square

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



95D1FF



F9B8D9



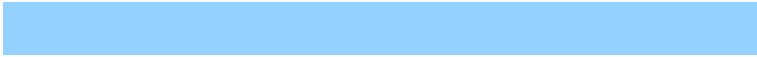
EBC495



92D9BB

# Rectangle

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



95D1FF



D4C2F8



EBC495

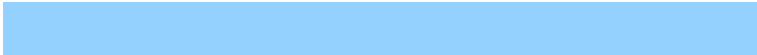


BCD29C



# Sweetspot

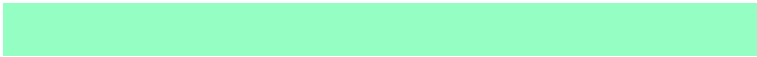
The Sweet Spot groups the original color and five complimentary colors.



95D1FF



E0F2FF



95FFC3



6E7880



000000

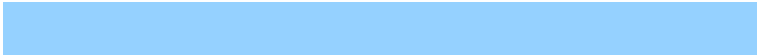


808080

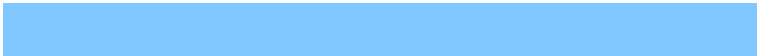


# Same Dimension

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



95D1FF



80C8FF



959CFF



737A80



006CBF



002440



# Inverse Universe

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



FF95D1



FF80C8



FFF895



80737A



BF006C

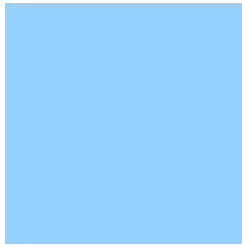


400024



# Previews

## White Background



This preview shows how the Hex color 95D1FF looks on a white background.

## Color Contrast Check

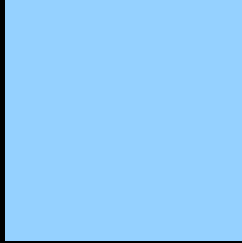
Large Text (above 18pt) WCAG AA × Fail

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 95D1FF 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

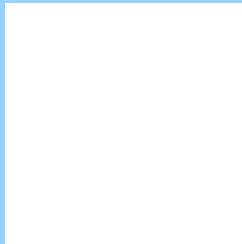
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95D1FF Background



This preview shows how black text looks on a background with the Hex color 95D1FF.

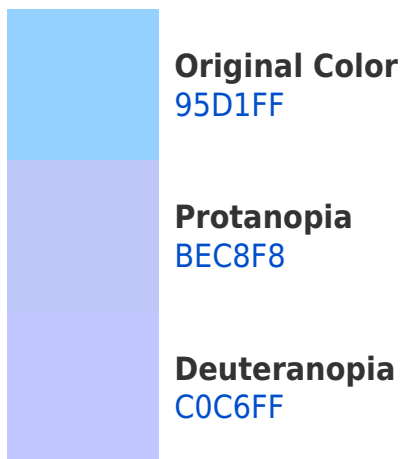


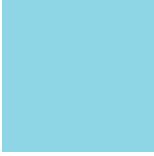
This preview shows how white text looks on a background with the Hex color 95D1FF.

# 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](#).

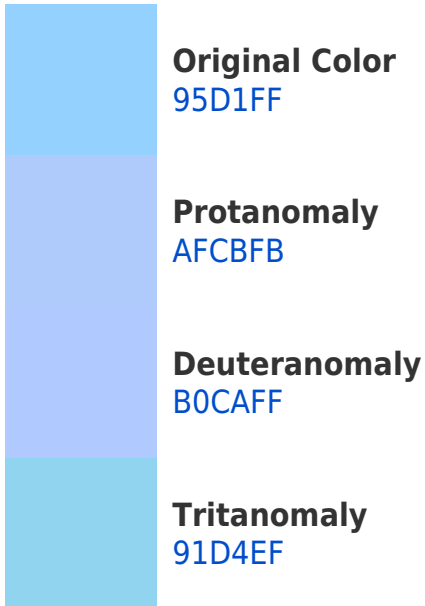
## Dichromacy



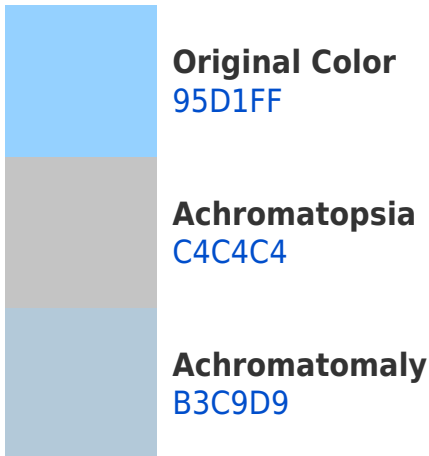


**Tritanopia**  
8ED5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95D1FF 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 #95D1FF looks like.

```
.text, #text, p{  
    color:#95D1FF  
}
```

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 #95D1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95D1FF }  
}
```

## Border

The CSS property to change the border of an element to Hex 95D1FF 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 #95D1FF }  
}
```

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

```
.border{ border-color:#95D1FF }
```

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

Here you see how a box with a 4 pixel #95D1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95D1FF; -webkit-box-shadow:4px 4px  
4px 4px #95D1FF; box-shadow:4px 4px 4px  
4px #95D1FF }
```

# Background

The CSS property to change the background color of an element to Hex 95D1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95D1FF }
```

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

```
.background{ background-color:#95D1FF }
```

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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