

# Converting Colors

Hex(95DFFD)

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

<b>Hex(95DFFD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(95DFFD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95DFFD
RGB	149, 223, 253
RGB Percent	58%, 87%, 99%
CMY	0.4157, 0.1255, 0.0078
CMYK	0.41, 0.12, 0.00, 0.01
HSL	197°, 96%, 79%
HSV	197°, 41%, 99%
XYZ	56.5117, 66.2568, 102.7389
YIQ	204.2940, -53.7340, -6.3580

# Conversions

## Conversions Part 2

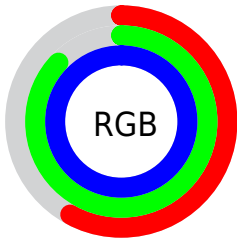
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 192, 253
Decimal	9822205
CIELab	85.13, -15.45, -21.81
CIELCh	85, 26.728, 234.677
Yxy	66.2568, 0.2506, 0.2938
Android (android.graphics.Color)	4288012285 (0xFF95DFFD)
YUV	204.2940, 24.0121, -48.4928
Hunter-Lab	81.3983, -18.5212, -17.8556

# Details

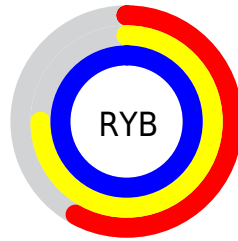
The Hex color **95DFFD** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FDB395**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CFFFFFF**, and **5CA8C4** is the 20% darker color. If you saturate the color by 10%, you get **7CD8FD**, and if you desaturate by 10%, it is **AEE6FD**.

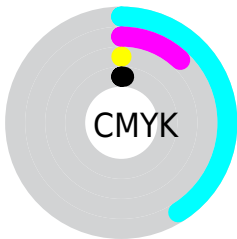
# Distribution



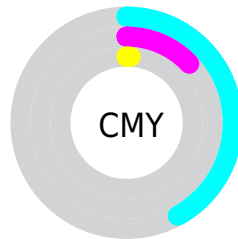
- Red (58%)
- Green (87%)
- Blue (99%)



- Red (58%)
- Yellow (75%)
- Blue (99%)



- Cyan (41%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (42%)
- Magenta (13%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 95DFFD

 95DFFD

FFFFFF

 79C3E0

 CFFFFFF

 5CA8C4

 ECFFFF

 3F8DA9

 1C748F

 005B75

 00435C

 002D44

 001A2E

 000119

 95DFFD

 95DFFD

 7CD8FD

 AEE6FD

 62D0FD

 C8EEFD

 49C9FD

 E1F5FD

 30C2FD

 FAFCFD

 16BBFD

 FFFFD

 00B4FD

# Harmonies

## Analogous

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



8DE3E9



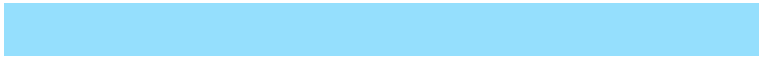
95DFFD



B0D8FF

# Triad

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



95DFFD



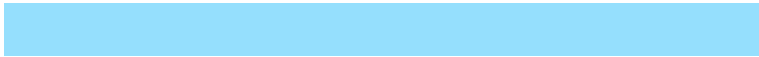
FFC3DA



D1D9A6

# Complementary

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



95DFFD



FDB395

# 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.



ECD1A3



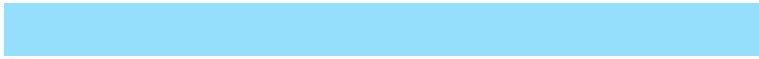
95DFFD



FFC4C1

# Square

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



95DFFD



F1C8F2



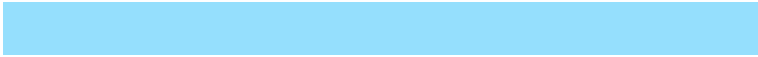
FFC9AC



B4E0B7

# Rectangle

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



95DFFD



C7D3FF



FFC9AC

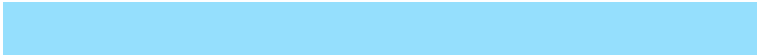


DBD7A4



# Sweetspot

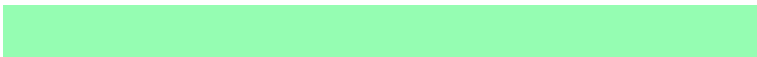
The Sweet Spot groups the original color and five complimentary colors.



95DFFD



E0F6FF



95FDB2



6E7A80



000000

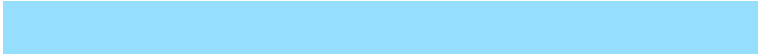


808080

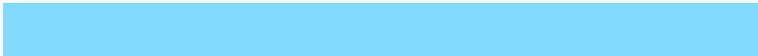


# Same Dimension

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



95DFFD



82DBFF



95ACFD



737C80



0088BF



002D40



# Inverse Universe

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



FD95DF



FF82DB



FDE695



80737C



BF0088



40002D



# Previews

## White Background



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

## Color Contrast Check

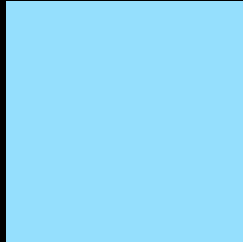
Large Text (above 18pt) WCAG AA × Fail

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 95DFFD 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 95DFFD Background



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

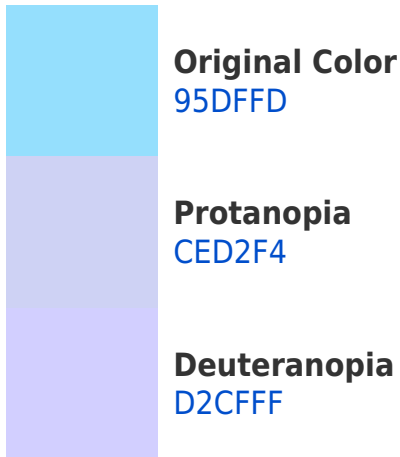


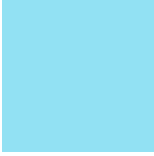
This preview shows how white text looks on a background with the Hex color 95DFFD.

# 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](#).

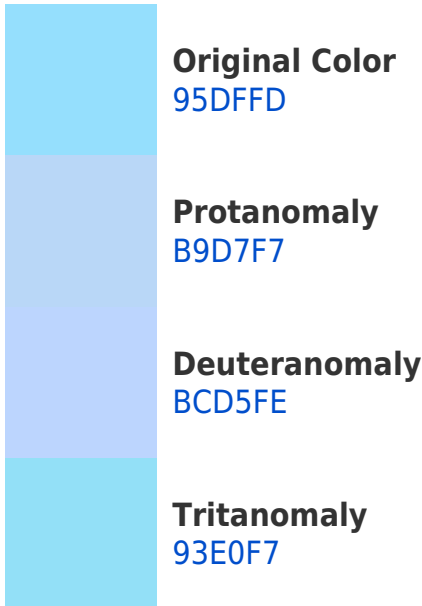
## Dichromacy



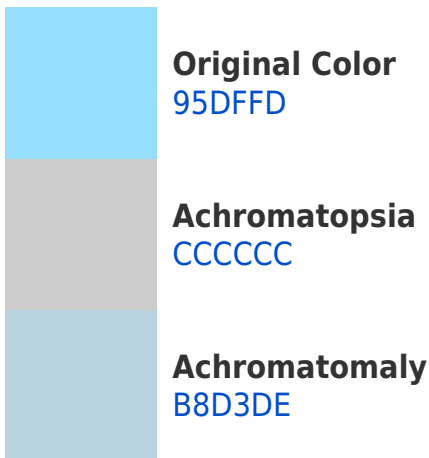


**Tritanopia**  
92E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #95DFFD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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