

Converting Colors

Hex(91DCFC)

Have a look what the booklet for
Hex(91DCFC) contains.

Hex(91DCFC)	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(91DCFC)

Conversions

Conversions Part 1

Format	Color
Hex	91DCFC
RGB	145, 220, 252
RGB Percent	57%, 86%, 99%
CMY	0.4314, 0.1373, 0.0118
CMYK	0.42, 0.13, 0.00, 0.01
HSL	198°, 95%, 78%
HSV	198°, 42%, 99%
XYZ	54.8409, 64.2344, 101.6035
YIQ	201.2230, -54.9720, -5.9480

Conversions

Conversions Part 2

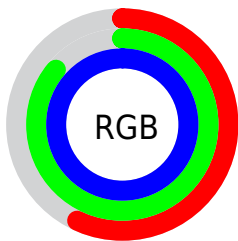
Format	Color
RYB	145, 189, 252
Decimal	9559292
CIELab	84.09, -15.16, -22.87
CIELCh	84, 27.441, 236.470
Yxy	64.2344, 0.2485, 0.2911
Android (android.graphics.Color)	4287749372 (0xFF91DCFC)
YUV	201.2230, 25.0331, -49.3076
Hunter-Lab	80.1464, -18.1158, -19.0609

Details

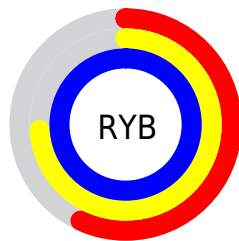
The Hex color **91DCFC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FCB191**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CBFFFF**, and **58A5C3** is the 20% darker color. If you saturate the color by 10%, you get **78D4FC**, and if you desaturate by 10%, it is **AAE4FC**.

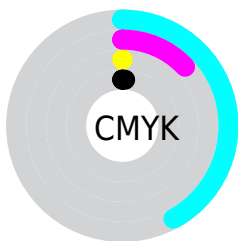
Distribution



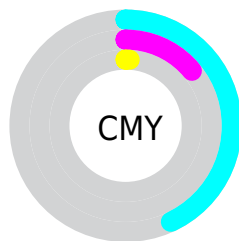
- Red (57%)
- Green (86%)
- Blue (99%)



- Red (57%)
- Yellow (74%)
- Blue (99%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (43%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91DCFC 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 91DCFC by changing the saturation by 10% instead.

 91DCFC

 91DCFC

FFFFFF


 74C0DF

 CBFFFF

 58A5C3

 E8FFFF

 3A8BA8

 13718E

 005974

 00415B

 002B44

 00182D

 000118

 91DCFC

 91DCFC

 78D4FC

 AAE4FC

 5FCDFC

 C3EBFC

 45C5FC

 DDF3FC

 2CBEFC

 F6FAFC

 13B6FC

FFFFFC

 00B1FC

Harmonies

Analogous

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



87E0E8



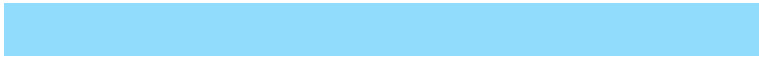
91DCFC



AED5FF

Triad

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



91DCFC



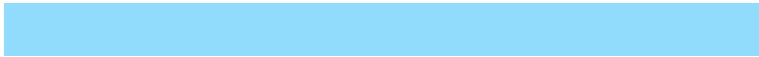
FFBFD6



CDD7A3

Complementary

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



91DCFC



FCB191

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.



E8CF9E



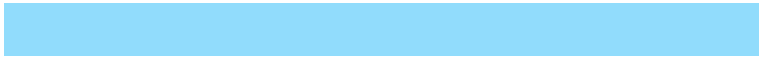
91DCFC



FFC0BC

Square

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



91DCFC



F0C4EF



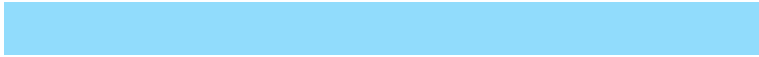
FDC6A8



AFDDB4

Rectangle

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



91DCFC



C6CFFF



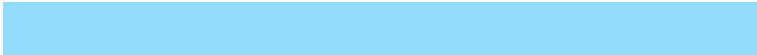
FDC6A8



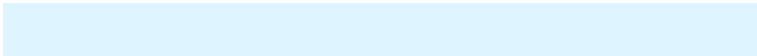
D6D5A0

Sweetspot

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



91DCFC



DEF5FF



91FCAF



6B7980



000000



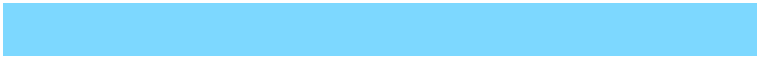
808080

Same Dimension

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



91DCFC



7DD8FF



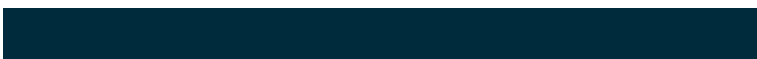
91A8FC



70797D



0084BD



002B3D

Inverse Universe

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



FC91DC



FF7DD8



FCE591



7D7079



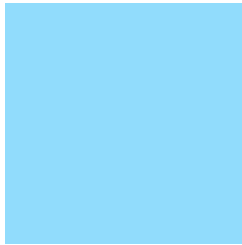
BD0084



3D002B

Previews

White Background



This preview shows how the Hex color 91DCFC looks on a white background.

Color Contrast Check

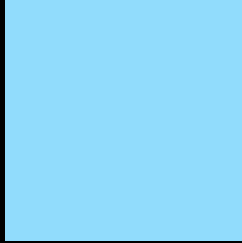
Large Text (above 18pt) WCAG AA × Fail

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 91DCFC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

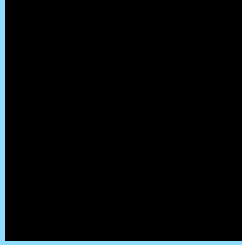
Any Text WCAG AA ✓ Pass

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 91DCFC Background



This preview shows how black text looks on a background with the Hex color 91DCFC.

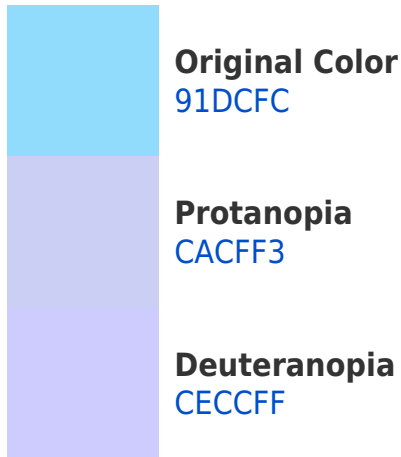


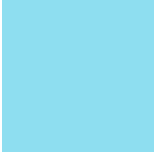
This preview shows how white text looks on a background with the Hex color 91DCFC.

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](#).

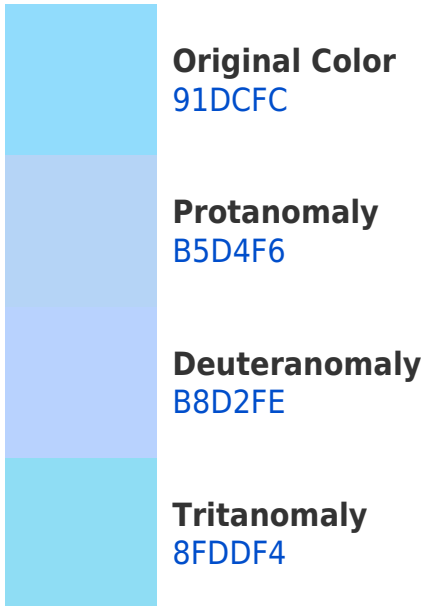
Dichromacy



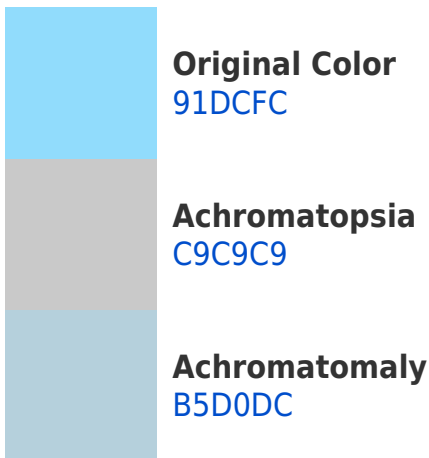


Tritanopia
8EDEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91DCFC 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 #91DCFC looks like.

```
.text, #text, p{  
    color:#91DCFC  
}
```

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 #91DCFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91DCFC
}
```

Border

The CSS property to change the border of an element to Hex 91DCFC 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
#91DCFC }
```

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

```
.border{ border-color:#91DCFC }
```

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

Here you see how a box with a 4 pixel #91DCFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91DCFC; -webkit-box-shadow:4px 4px  
4px 4px #91DCFC; box-shadow:4px 4px 4px  
4px #91DCFC }
```

Background

The CSS property to change the background color of an element to Hex 91DCFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91DCFC }
```

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

```
.background{ background-color:#91DCFC }
```

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