

# Converting Colors

Hex(94D0F0)

Have a look what the booklet for  
Hex(94D0F0) contains.

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# Color

**Hex(94D0F0)**

# Conversions

Conversions Part 1	
Format	Color
Hex	94D0F0
RGB	148, 208, 240
RGB Percent	58%, 82%, 94%
CMY	0.4196, 0.1843, 0.0588
CMYK	0.38, 0.13, 0.00, 0.06
HSL	201°, 75%, 76%
HSV	201°, 38%, 94%
XYZ	50.4968, 57.6989, 90.9136
YIQ	193.7080, -46.0320, -2.7680

# Conversions

## Conversions Part 2

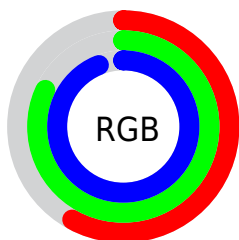
Format	Color
<a href="#">RYB</a>	<a href="#">148, 184, 240</a>
Decimal	<a href="#">9752816</a>
CIELab	<a href="#">80.57, -11.30, -21.83</a>
CIELCh	<a href="#">81, 24.577, 242.640</a>
Yxy	<a href="#">57.6989, 0.2536, 0.2898</a>
Android (android.graphics.Color)	<a href="#">4287942896</a> (0xFF94D0F0)
YUV	<a href="#">193.7080, 22.8220, -40.0859</a>
Hunter-Lab	<a href="#">75.9598, -14.2659, -17.7902</a>

# Details

The Hex color **94D0F0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F0B494**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **CDFFFF**, and **5D9AB8** is the 20% darker color. If you saturate the color by 10%, you get **7CC8F0**, and if you desaturate by 10%, it is **ACD8F0**.

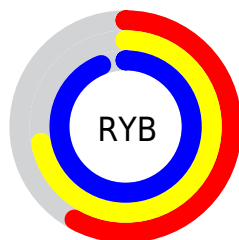
# Distribution



Red (58%)

Green (82%)

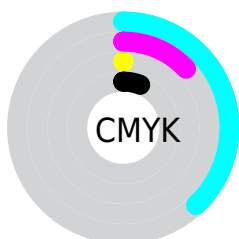
Blue (94%)



Red (58%)

Yellow (72%)

Blue (94%)

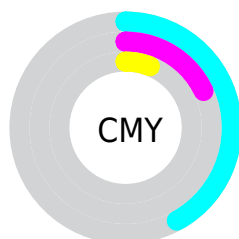


Cyan (38%)

Magenta (13%)

Yellow (0%)

Black (6%)



Cyan (42%)

Magenta (18%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94D0F0 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 94D0F0 by changing the saturation by 10% instead.



 94D0F0

 94D0F0

FFFFFF

 78B4D4

 CDFFFF

 5D9AB8

 EAFFFF

 41809D

 226783

 004F6A

 003851

 00223A

 000625

 00010D

 94D0F0

 94D0F0

 7CC8F0

 ACD8F0

 64BFF0

 C4E1F0

 4CB7F0


 DCE9F0

 34AFF0

 F4F1F0

 1CA6F0

 FFFAF0

 049EF0

 FFFFF0

 009DF0

# Harmonies

## Analogous

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



87D4E0



94D0F0



B0C9F5

# Triad

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



94D0F0



F5B8C7



BECEA1

# Complementary

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



94D0F0



F0B494

# 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.



D7C79A



94D0F0



F6B9B0

# Square

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



94D0F0



E8BBDD



EBBFA0



A4D3B2

# Rectangle

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



94D0F0



C4C4F2



EBBFA0



C7CC9D

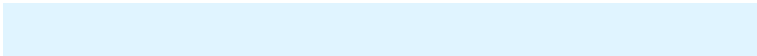


# Sweetspot

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



94D0F0



E0F4FF



94F0B3



6E7980



000000



808080

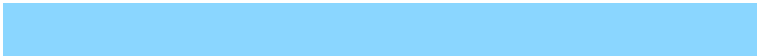


# Same Dimension

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



94D0F0



8AD6FF



94A3F0



6C7478



0078B8



002538



# Inverse Universe

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



F094D0



FF8AD6



F0E194



786C74



B80078

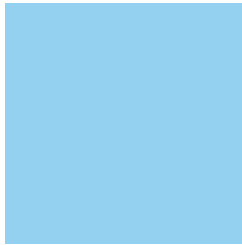


380025



# Previews

## White Background



This preview shows how the Hex color 94D0F0 looks on a white background.

## Color Contrast Check

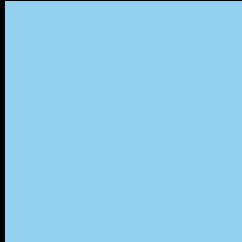
Large Text (above 18pt) WCAG AA × Fail

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 94D0F0 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 94D0F0 Background



This preview shows how black text looks on a background with the Hex color 94D0F0.

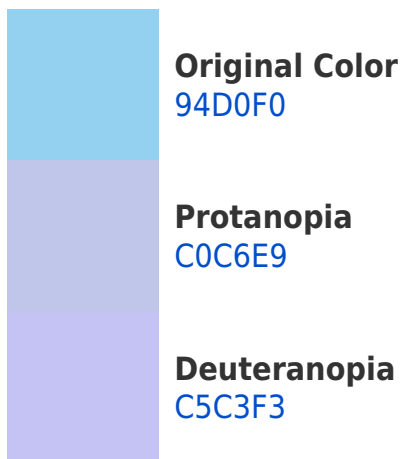


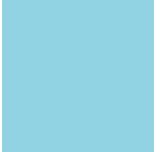
This preview shows how white text looks on a background with the Hex color 94D0F0.

# 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](#).

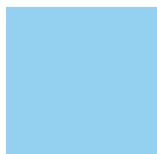
## Dichromacy





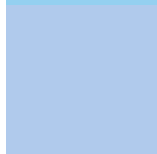
**Tritanopia**  
91D2E3

# Trichromacy



**Original Color**

94D0F0



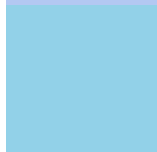
**Protanomaly**

B0CAEC



**Deuteranomaly**

B3C8F2



**Tritanomaly**

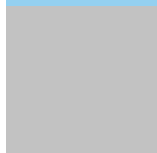
92D1E8

# Monochromacy



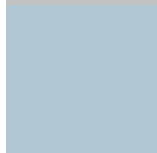
**Original Color**

94D0F0



**Achromatopsia**

C2C2C2



**Achromatomaly**

B1C7D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94D0F0 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 #94D0F0 looks like.

```
.text, #text, p{  
    color:#94D0F0  
}
```

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 #94D0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D0F0
}
```

## Border

The CSS property to change the border of an element to Hex 94D0F0 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
#94D0F0 }
```

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

```
.border{ border-color:#94D0F0 }
```

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

Here you see how a box with a 4 pixel #94D0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D0F0; -webkit-box-shadow:4px 4px  
4px 4px #94D0F0; box-shadow:4px 4px 4px  
4px #94D0F0 }
```

# Background

The CSS property to change the background color of an element to Hex 94D0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D0F0 }
```

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

```
.background{ background-color:#94D0F0 }
```

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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