

# Converting Colors

Hex(95CCF1)

Have a look what the booklet for  
Hex(95CCF1) contains.

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# **Color**

**Hex(95CCF1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95CCF1
RGB	149, 204, 241
RGB Percent	58%, 80%, 95%
CMY	0.4157, 0.2000, 0.0549
CMYK	0.38, 0.15, 0.00, 0.05
HSL	204°, 77%, 76%
HSV	204°, 38%, 95%
XYZ	49.8645, 55.9262, 91.3858
YIQ	191.7730, -44.6570, -0.1530

# Conversions

## Conversions Part 2

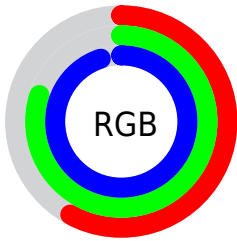
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	149, 183, 241
Decimal	9817329
CIE Lab	79.57, -8.69, -23.88
CIE LCh	80, 25.407, 250.011
Yxy	55.9262, 0.2529, 0.2836
Android (android.graphics.Color)	4288007409 (0xFF95CCF1)
YUV	191.7730, 24.2689, -37.5119
Hunter-Lab	74.7838, -11.8511, -20.1037

# Details

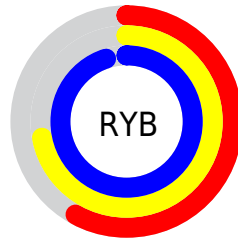
The Hex color **95CCF1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1BA95**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **CEFFFF**, and **5E96B9** is the 20% darker color. If you saturate the color by 10%, you get **7DC2F1**, and if you desaturate by 10%, it is **ADD6F1**.

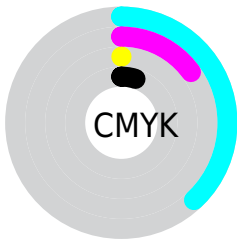
# Distribution



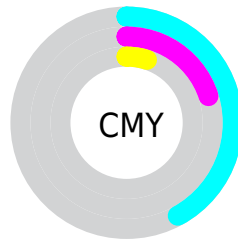
- Red (58%)
- Green (80%)
- Blue (95%)



- Red (58%)
- Yellow (72%)
- Blue (95%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (20%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95CCF1 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 95CCF1 by changing the saturation by 10% instead.



 95CCF1

 95CCF1

FFFFFF

 79B1D5

 CEFFFF

 5E96B9

 EBFFFF

 427C9E

 246384

 004B6A

 003552

 00203B

 000225

 00010E

■ 95CCF1

■ 95CCF1

■ 7DC2F1

■ ADD6F1

■ 65B9F1

■ C5DFF1

■ 4DAFF1

■ DDE9F1

■ 35A5F1

■ F5F3F1

■ 1D9CF1

■ FFFCF1

■ 0492F1

■ FFFFF1

■ 0090F1

# Harmonies

## Analogous

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



83D1E3



95CCF1



B4C5F3

# Triad

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



95CCF1



F5B4BE



B4CDA0

# Complementary

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



95CCF1



F1BA95

# 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.



CFC697



95CCF1



F3B7A8

# Square

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



95CCF1



EAB6D6



E5BE99



9AD1B4

# Rectangle

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



95CCF1



C9BFEE



E5BE99



BDCB9C

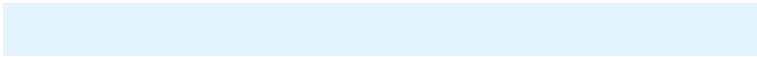


# Sweetspot

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



95CCF1



E3F4FF



95F1BA



6F7980



000000



808080

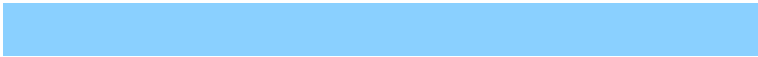


# Same Dimension

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



95CCF1



8AD0FF



959EF1



6C7378



006EB8



002238



# Inverse Universe

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



F195CC



FF8AD0



F1E895



786C73



B8006E

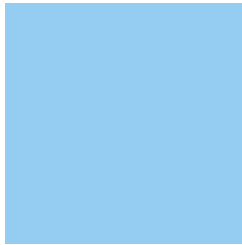


380022



# Previews

## White Background



This preview shows how the Hex color 95CCF1 looks on a white background.

## Color Contrast Check

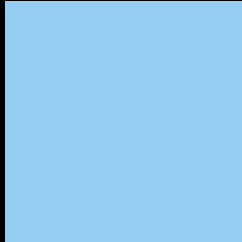
Large Text (above 18pt) WCAG AA × Fail

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 95CCF1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

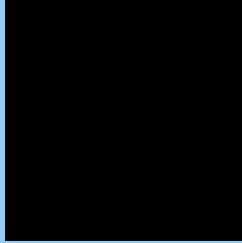
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95CCF1 Background



This preview shows how black text looks on a background with the Hex color 95CCF1.



This preview shows how white text looks on a background with the Hex color 95CCF1.

# 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](#).

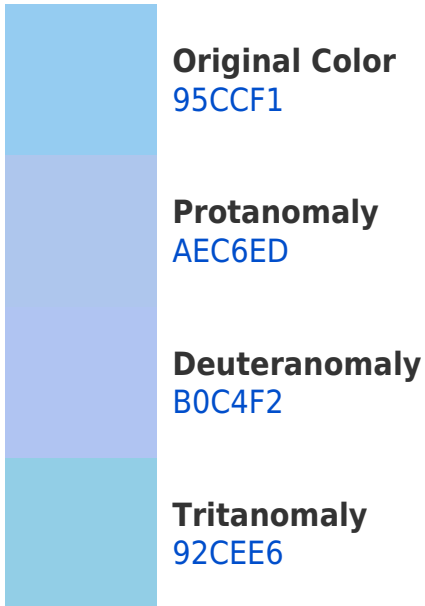
## Dichromacy



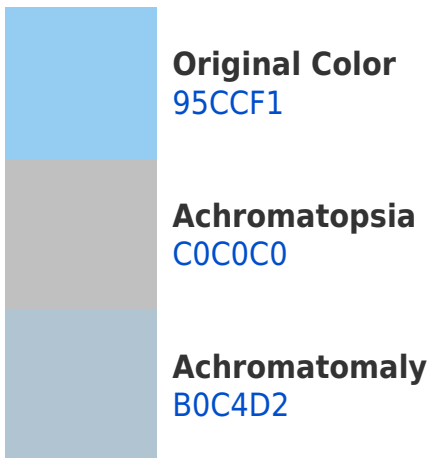


**Tritanopia**  
91CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95CCF1 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 #95CCF1 looks like.

```
.text, #text, p{  
    color:#95CCF1  
}
```

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 #95CCF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95CCF1
}
```

## Border

The CSS property to change the border of an element to Hex 95CCF1 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
#95CCF1 }
```

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

```
.border{ border-color:#95CCF1 }
```

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

Here you see how a box with a 4 pixel #95CCF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95CCF1; -webkit-box-shadow:4px 4px  
4px 4px #95CCF1; box-shadow:4px 4px 4px  
4px #95CCF1 }
```

# Background

The CSS property to change the background color of an element to Hex 95CCF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95CCF1 }
```

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

```
.background{ background-color:#95CCF1 }
```

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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