

# Converting Colors

Hex(92E3FF)

Have a look what the booklet for  
Hex(92E3FF) contains.

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# **Color**

**Hex(92E3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92E3FF
RGB	146, 227, 255
RGB Percent	57%, 89%, 100%
CMY	0.4275, 0.1098, 0.0000
CMYK	0.43, 0.11, 0.00, 0.00
HSL	195°, 100%, 79%
HSV	195°, 43%, 100%
XYZ	57.3731, 68.2692, 104.7611
YIQ	205.9730, -57.2640, -8.4640

# Conversions

## Conversions Part 2

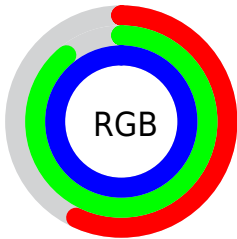
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 192, 255
Decimal	9626623
CIE <sub>Lab</sub>	86.14, -17.70, -21.34
CIE <sub>LCh</sub>	86, 27.723, 230.329
Yxy	68.2692, 0.2490, 0.2963
Android (android.graphics.Color)	4287816703 (0xFF92E3FF)
YUV	205.9730, 24.1703, -52.5963
Hunter-Lab	82.6252, -20.6474, -17.3367

# Details

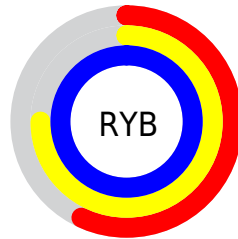
The Hex color **92E3FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFAE92**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CCFFFF**, and **58ACC6** is the 20% darker color. If you saturate the color by 10%, you get **79DCFF**, and if you desaturate by 10%, it is **ABEAFF**.

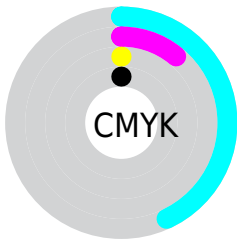
# Distribution



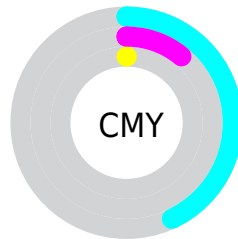
- Red (57%)
- Green (89%)
- Blue (100%)



- Red (57%)
- Yellow (75%)
- Blue (100%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92E3FF 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 92E3FF by changing the saturation by 10% instead.



 92E3FF

 92E3FF

FFFFFF


 75C7E2


 CCFFFF

 58ACC6

 EAFFFF

 3A91AB

 117790

 005E77

 00475E

 003046

 001C30

 00011B

■ 92E3FF

■ 92E3FF

■ 79DCFF

■ ABEAFF

■ 5FD6FF

■ C5F0FF

■ 45CFFF

■ DFF7FF

■ 2CC9FF

■ F8FDFF

■ 12C2FF

FFFFFF

■ 00BDFF

# Harmonies

## Analogous

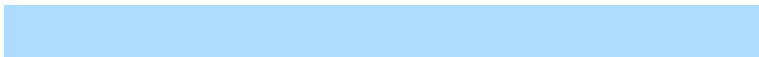
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8DE6E9



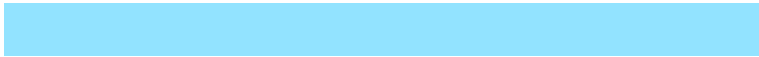
92E3FF



ADDCCF

# Triad

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



92E3FF



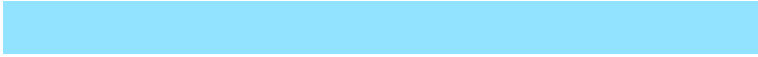
FFC5E1



D8DBA6

# Complementary

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



92E3FF



FFAE92

# 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.



F3D3A4



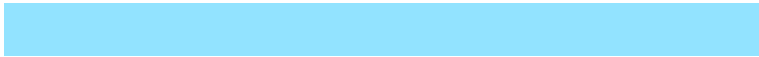
92E3FF



FFC5C6

# Square

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



92E3FF



F1CBF9



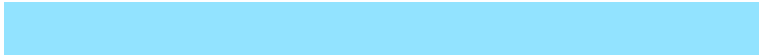
FFCBB0



BAE2B5

# Rectangle

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



92E3FF



C4D7FF



FFCBB0

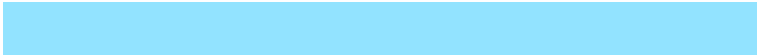


E2D9A4

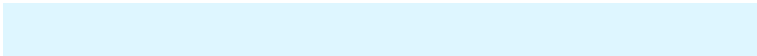


# Sweetspot

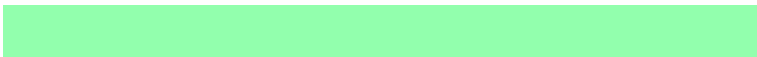
The Sweet Spot groups the original color and five complimentary colors.



92E3FF



DEF6FF



92FFAD



6B7A80



000000

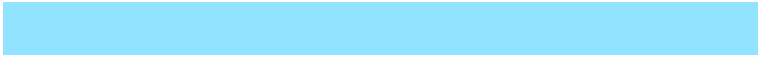


808080

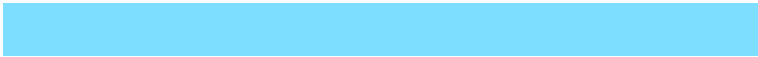


# Same Dimension

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



92E3FF



7DDEFF



92ADFF



737C80



008EBF



002F40



# Inverse Universe

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



FF92E3



FF7DDE



FFE492



80737C



BF008E

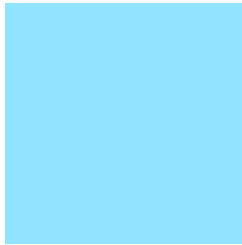


40002F



# Previews

## White Background



This preview shows how the Hex color 92E3FF looks on a white background.

## Color Contrast Check

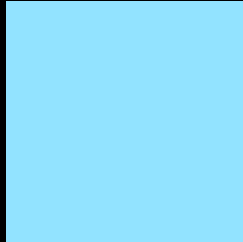
Large Text (above 18pt) WCAG AA × Fail

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 92E3FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

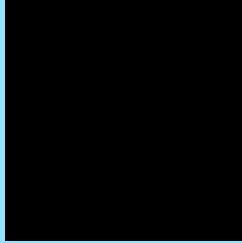
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 92E3FF Background



This preview shows how black text looks on a background with the Hex color 92E3FF.

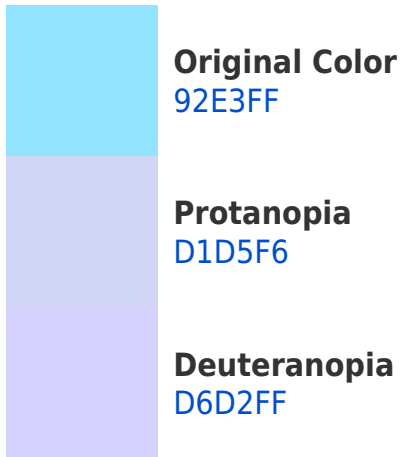


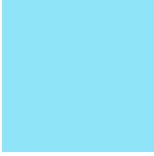
This preview shows how white text looks on a background with the Hex color 92E3FF.

# 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](#).

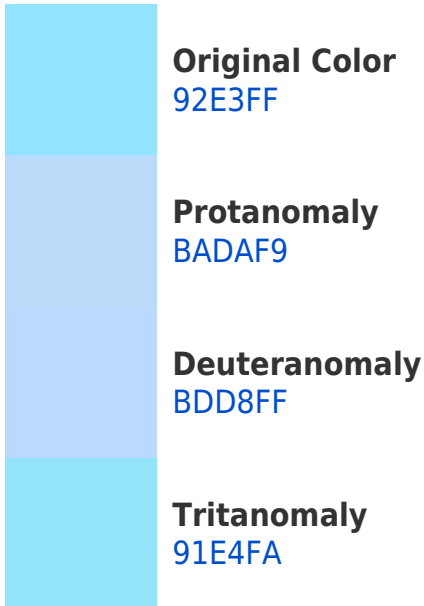
## Dichromacy



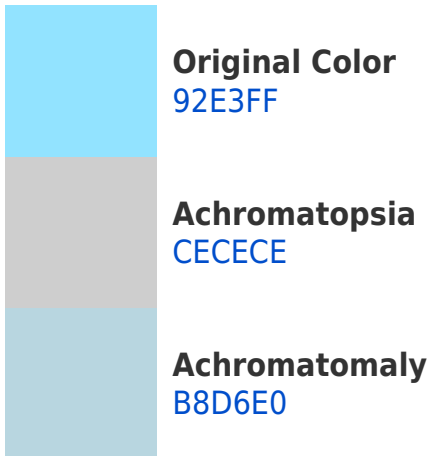


**Tritanopia**  
90E4F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92E3FF 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 #92E3FF looks like.

```
.text, #text, p{  
    color:#92E3FF  
}
```

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 #92E3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92E3FF
}
```

## Border

The CSS property to change the border of an element to Hex 92E3FF 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
#92E3FF }
```

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

```
.border{ border-color:#92E3FF }
```

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

Here you see how a box with a 4 pixel #92E3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92E3FF; -webkit-box-shadow:4px 4px  
4px 4px #92E3FF; box-shadow:4px 4px 4px  
4px #92E3FF }
```

# Background

The CSS property to change the background color of an element to Hex 92E3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92E3FF }
```

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

```
.background{ background-color:#92E3FF }
```

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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