

Converting Colors

Hex(96EEEE)

Have a look what the booklet for
Hex(96EEEE) contains.

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Color

Hex(96EEEE)

Conversions

Conversions Part 1

Format	Color
Hex	96EEEE
RGB	150, 238, 238
RGB Percent	59%, 93%, 93%
CMY	0.4118, 0.0667, 0.0667
CMYK	0.37, 0.00, 0.00, 0.07
HSL	180°, 72%, 76%
HSV	180°, 37%, 93%
XYZ	58.5848, 73.8061, 92.0472
YIQ	211.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

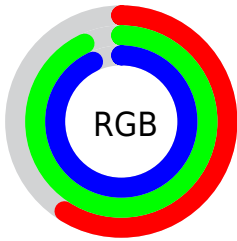
Format	Color
RYB	150, 194, 238
Decimal	9891566
CIELab	88.83, -26.34, -8.37
CIELCh	89, 27.635, 197.624
Yxy	73.8061, 0.2610, 0.3288
Android (android.graphics.Color)	4288081646 (0xFF96EEEE)
YUV	211.6880, 12.9718, -54.1004
Hunter-Lab	85.9105, -28.6191, -3.3878

Details

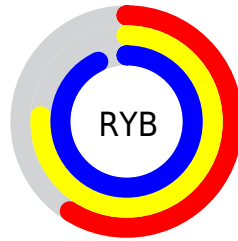
The Hex color **96EEEE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EE9696**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D0FFFF**, and **5DB6B6** is the 20% darker color. If you saturate the color by 10%, you get **7EEEEEE**, and if you desaturate by 10%, it is **AEEEEEE**.

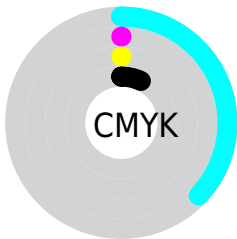
Distribution



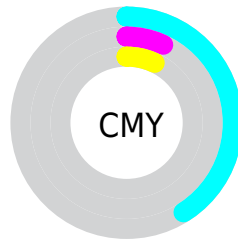
- Red (59%)
- Green (93%)
- Blue (93%)



- Red (59%)
- Yellow (76%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (41%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96EEEE 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 96EEEE by changing the saturation by 10% instead.

 96EEEE

 96EEEE

FFFFFF

 7AD2D2

 D0FFFF

 5DB6B6

 EDFFFF

 409B9B

 1F8181

 006768

 004F50

 003739

 002224

 00010F

 96EEEE

 96EEEE

 7EEEE

 AEEEE

 66EEEE

 C6EEEE

 4FEEEE

 DDEEEE

 37EEEE

 F5EEEE

 1FEEEE

 FFEeee

 07EEEE

 00EEEE

Harmonies

Analogous

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



A8EDD3



96EEEE



99EBFF

Triad

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



96EEEE



F6D3FF



FDDAAC

Complementary

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



96EEEE



EE9696

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.



FFD1B9



96EEEE



FFCDEB

Square

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



96EEEE



D5DCFF



FFCDD0



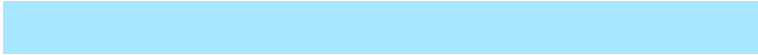
E3E2AD

Rectangle

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



96EEEE



A7E7FF



FFCDD0



FFD7AF

Sweetspot

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



96EEEE



E3FFFF



96EE96



6F8080



000000



808080

Same Dimension

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



96EEEE



8FFFFFF



96C2EE



6C7878



00B8B8



003838

Inverse Universe

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



EE96EE



FF8FFF



EEC296



786C78



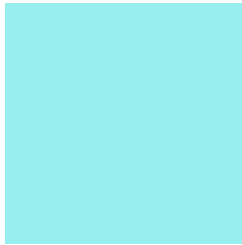
B800B8



380038

Previews

White Background



This preview shows how the Hex color 96EEEE looks on a white background.

Color Contrast Check

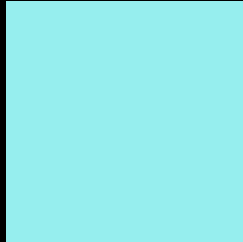
Large Text (above 18pt) WCAG AA × Fail

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 96EEEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

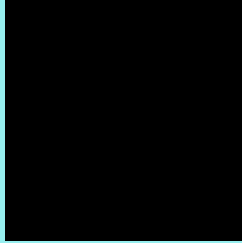
Any Text WCAG AA ✓ Pass

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 96EEEE Background



This preview shows how black text looks on a background with the Hex color 96EEEE.

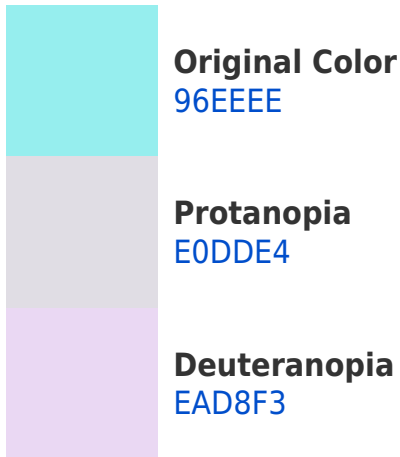


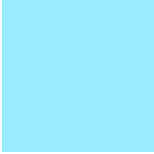
This preview shows how white text looks on a background with the Hex color 96EEEE.

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



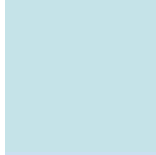


Tritanopia
9AEBFE

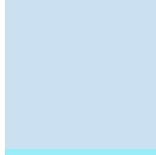
Trichromacy



Original Color
96EEEE



Protanomaly
C5E3E8



Deuteranomaly
CBE0F1

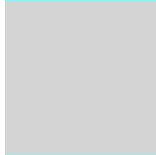


Tritanomaly
99ECF8

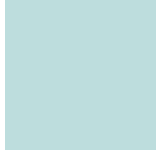
Monochromacy



Original Color
96EEEE



Achromatopsia
D4D4D4



Achromatomaly
BDDDDD

CSS Examples

Text

The CSS property to change the color of the text to Hex 96EEEE 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 #96EEEE looks like.

```
.text, #text, p{  
    color:#96EEEE  
}
```

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 #96EEEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96EEEE }  
}
```

Border

The CSS property to change the border of an element to Hex 96EEEE 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 #96EEEE }  
}
```

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

```
.border{ border-color:#96EEEE }
```

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

Here you see how a box with a 4 pixel #96EEEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96EEEE; -webkit-box-shadow:4px 4px  
4px 4px #96EEEE; box-shadow:4px 4px 4px  
4px #96EEEE }
```

Background

The CSS property to change the background color of an element to Hex 96EEEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96EEEE }
```

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

```
.background{ background-color:#96EEEE }
```

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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