

Converting Colors

Hex(90DFEF)

Have a look what the booklet for
Hex(90DFEF) contains.

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Color

Hex(90DFEF)

Conversions

Conversions Part 1

Format	Color
Hex	90DFEF
RGB	144, 223, 239
RGB Percent	56%, 87%, 94%
CMY	0.4353, 0.1255, 0.0627
CMYK	0.40, 0.07, 0.00, 0.06
HSL	190°, 75%, 75%
HSV	190°, 40%, 94%
XYZ	53.4693, 64.9366, 91.3773
YIQ	201.2030, -52.2200, -11.7720

Conversions

Conversions Part 2

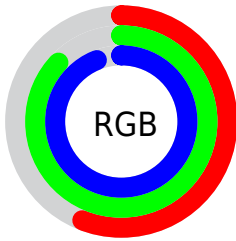
Format	Color
RYB	144, 187, 239
Decimal	9494511
CIELab	84.45, -20.22, -15.46
CIElCh	84, 25.455, 217.392
Yxy	64.9366, 0.2549, 0.3095
Android (android.graphics.Color)	4287684591 (0xFF90DFEF)
YUV	201.2030, 18.6339, -50.1670
Hunter-Lab	80.5833, -22.5810, -10.8235

Details

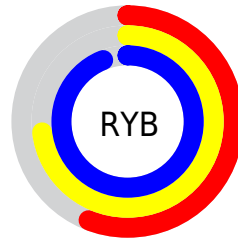
The Hex color **90DFEF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EFA090**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C9FFFF**, and **58A8B7** is the 20% darker color. If you saturate the color by 10%, you get **78DBEF**, and if you desaturate by 10%, it is **A8E3EF**.

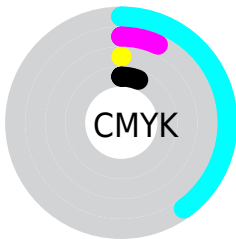
Distribution



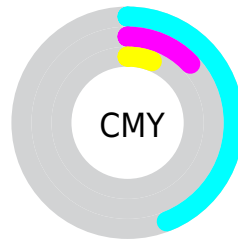
- Red (56%)
- Green (87%)
- Blue (94%)



- Red (56%)
- Yellow (73%)
- Blue (94%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (44%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90DFEF 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 90DFEF by changing the saturation by 10% instead.

 90DFEF

 90DFEF

FFFFFF

 74C3D3

 C9FFFF

 58A8B7

 E7FFFF

 3A8D9C

 167382

 005B69

 004351

 002C3A

 001924

 00010E

■ 90DFEF

■ 90DFEF

■ 78DBEF

■ A8E3EF

■ 60D7EF

■ C0E7EF

■ 48D3EF

■ D8EBEF

■ 30CFEF

■ F0EFEF

■ 19CBEF

■ FFF3EF

■ 01C7EF

■ FFF7EF

■ 00C7EF

■ FFFBEF

■ FFFFEF

Harmonies

Analogous

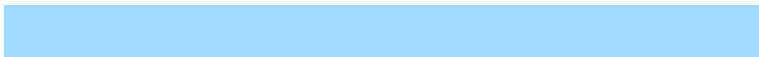
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95E1D8



90DFEF



A0DAFE

Triad

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



90DFEF



F7C4E6



DFD3A3

Complementary

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



90DFEF



EFA090

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.



F5CBA7



90DFEF



FFC2CE

Square

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



90DFEF



DECBF9



FFC4B7



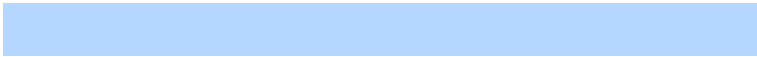
C4DAAC

Rectangle

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



90DFEF



B4D6FF



FFC4B7



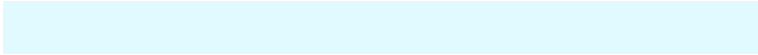
E7D0A3

Sweetspot

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



90DFEF



E0FAFF



90EFA0



6E7C80



000000



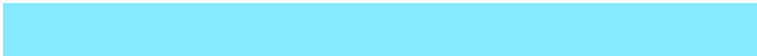
808080

Same Dimension

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



90DFEF



85EAFB



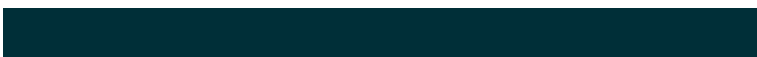
90B0EF



6C7678



0099B8



002F38

Inverse Universe

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



EF90DF



FF85EA



EFCF90



786C76



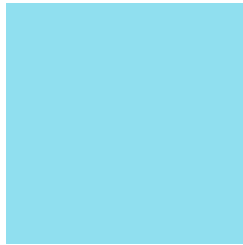
B80099



38002F

Previews

White Background



This preview shows how the Hex color 90DFEF looks on a white background.

Color Contrast Check

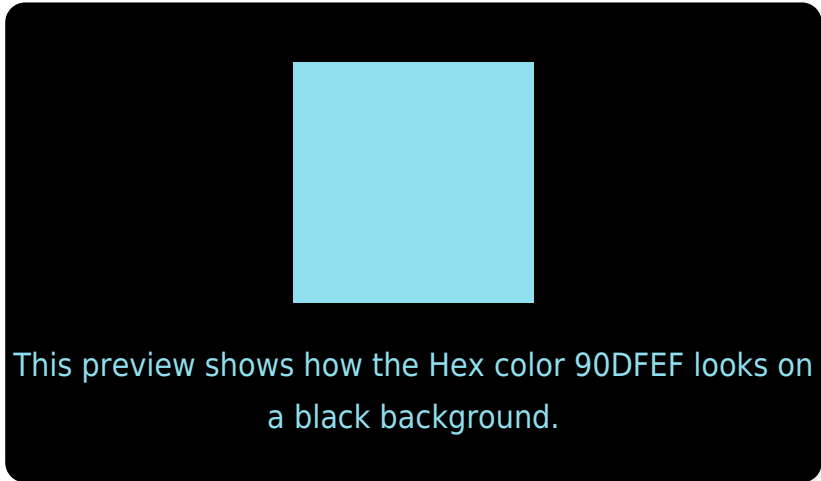
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 90DFEF Background



This preview shows how black text looks on a background with the Hex color 90DFEF.

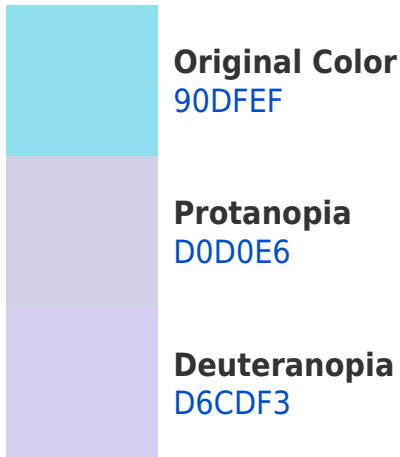


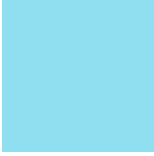
This preview shows how white text looks on a background with the Hex color 90DFEF.

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](#).

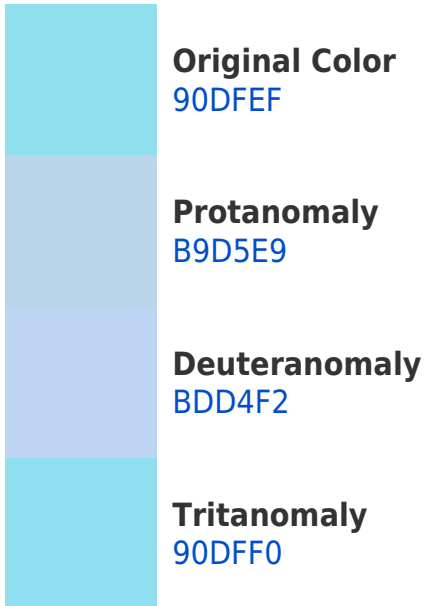
Dichromacy



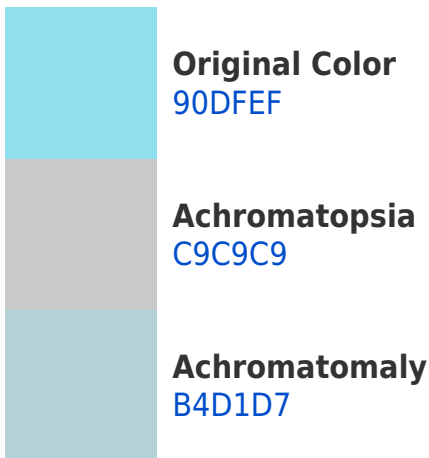


Tritanopia
90DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90DFEF 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 #90DFEF looks like.

```
.text, #text, p{  
    color:#90DFEF  
}
```

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 #90DFEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90DFEF  
}
```

Border

The CSS property to change the border of an element to Hex 90DFEF 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  
#90DFEF }
```

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

```
.border{ border-color:#90DFEF }
```

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

Here you see how a box with a 4 pixel #90DFEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90DFEF; -webkit-box-shadow:4px 4px  
4px 4px #90DFEF; box-shadow:4px 4px 4px  
4px #90DFEF }
```

Background

The CSS property to change the background color of an element to Hex 90DFEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90DFEF }
```

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

```
.background{ background-color:#90DFEF }
```

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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