

Converting Colors

Hex(90DCFF)

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

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Color

Hex(90DCFF)

Conversions

Conversions Part 1

Format	Color
Hex	90DCFF
RGB	144, 220, 255
RGB Percent	56%, 86%, 100%
CMY	0.4353, 0.1373, 0.0000
CMYK	0.44, 0.14, 0.00, 0.00
HSL	199°, 100%, 78%
HSV	199°, 44%, 100%
XYZ	55.1448, 64.3357, 104.1193
YIQ	201.2660, -56.5310, -5.2270

Conversions

Conversions Part 2

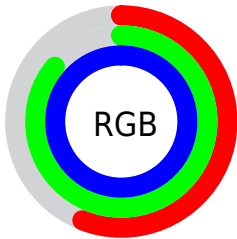
Format	Color
RYB	144, 189, 255
Decimal	9493759
CIELab	84.14, -14.62, -24.38
CIELCh	84, 28.430, 239.059
Yxy	64.3357, 0.2466, 0.2877
Android (android.graphics.Color)	4287683839 (0xFF90DCFF)
YUV	201.2660, 26.4909, -50.2223
Hunter-Lab	80.2095, -17.6463, -20.8172

Details

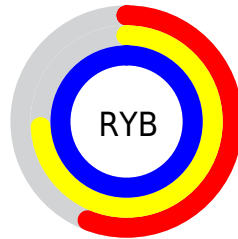
The Hex color **90DCFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB390**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CAFFFF**, and **56A5C6** is the 20% darker color. If you saturate the color by 10%, you get **77D4FF**, and if you desaturate by 10%, it is **AAE4FF**.

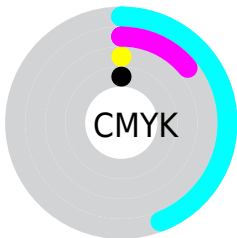
Distribution



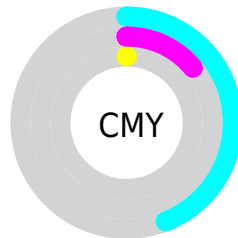
- Red (56%)
- Green (86%)
- Blue (100%)



- Red (56%)
- Yellow (74%)
- Blue (100%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 90DCFF

 90DCFF

FFFFFF

 73C0E2

 CAFFFF

 56A5C6

 E7FFFF

 378BAB

 0D7190

 005977

 00415E

 002B46

 00182F

 00011A

 90DCFF

 90DCFF

 77D4FF

 AAE4FF

 5DCCFF

 C3E4FF

 43C4FF

 DDF4FF

 2ABCFF

 F6FCFF

 10B4FF

FFFFFF

 00AFFF

Harmonies

Analogous

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



84E0EB



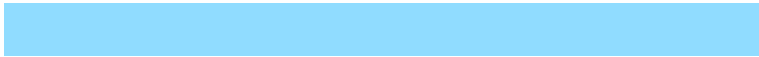
90DCFF



B0D5FF

Triad

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



90DCFF



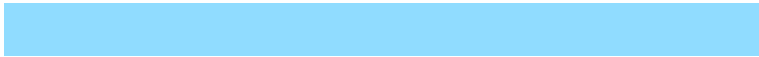
FFBFD4



CAD8A3

Complementary

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



90DCFF



FFB390

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.



E7D09C



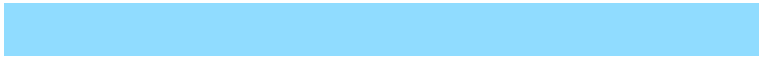
90DCFF



FFC0B9

Square

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



90DCFF



F4C3EE



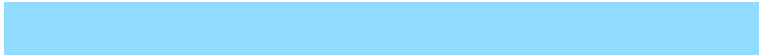
FDC7A5



ABDEB6

Rectangle

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



90DCFF



C9CEFF



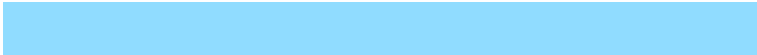
FDC7A5



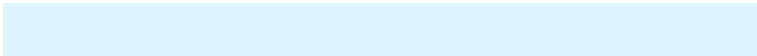
D4D69F

Sweetspot

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



90DCFF



DEF5FF



90FFB1



6B7980



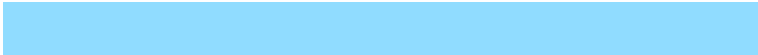
000000



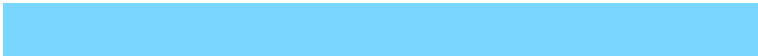
808080

Same Dimension

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



90DCFF



7AD5FF



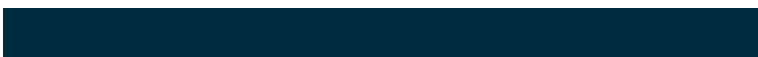
90A6FF



737B80



0083BF



002C40

Inverse Universe

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



FF90DC



FF7AD5



FFE990



80737B



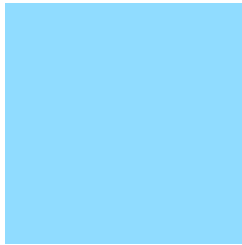
BF0083



40002C

Previews

White Background



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

Color Contrast Check

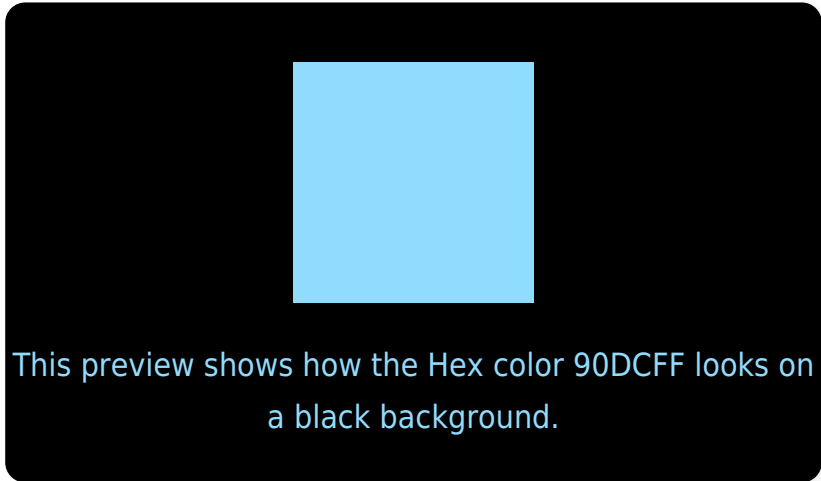
Large Text (above 18pt) WCAG AA × Fail

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

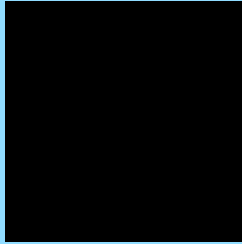
Any Text WCAG AA ✓ Pass

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 90DCFF Background



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

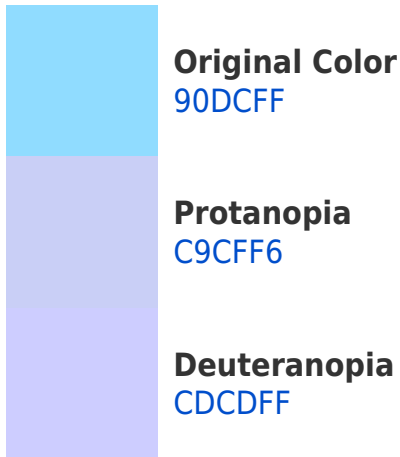


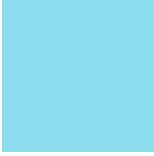
This preview shows how white text looks on a background with the Hex color 90DCFF.

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



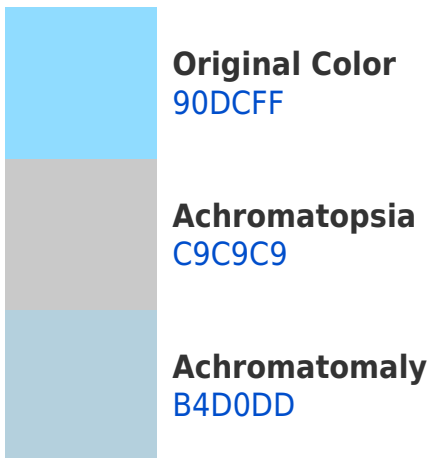


Tritanopia
8CDEF0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #90DCFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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