

Converting Colors

Hex(90AFFF)

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

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Color

Hex(90AFFF)

Conversions

Conversions Part 1

Format	Color
Hex	90AFFF
RGB	144, 175, 255
RGB Percent	56%, 69%, 100%
CMY	0.4353, 0.3137, 0.0000
CMYK	0.44, 0.31, 0.00, 0.00
HSL	223°, 100%, 78%
HSV	223°, 44%, 100%
XYZ	44.8816, 43.8092, 100.6983
YIQ	174.8510, -44.1560, 18.3080

Conversions

Conversions Part 2

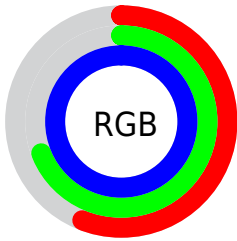
Format	Color
RYB	144, 168, 255
Decimal	9482239
CIELab	72.10, 9.61, -42.96
CIELCh	72, 44.022, 282.610
Yxy	43.8092, 0.2370, 0.2313
Android (android.graphics.Color)	4287672319 (0xFF90AFFF)
YUV	174.8510, 39.5135, -27.0563
Hunter-Lab	66.1885, 5.2085, -43.8709

Details

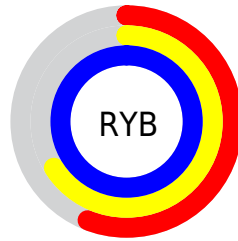
The Hex color **90AFFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE090**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CAE6FF**, and **577BC6** is the 20% darker color. If you saturate the color by 10%, you get **779DFF**, and if you desaturate by 10%, it is **AAC1FF**.

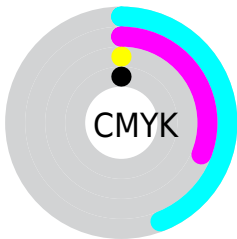
Distribution



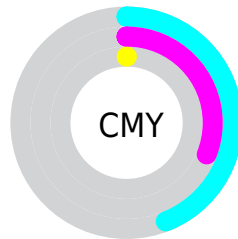
- Red (56%)
- Green (69%)
- Blue (100%)



- Red (56%)
- Yellow (66%)
- Blue (100%)



- Cyan (44%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 90AFFF

 90AFFF

FFFFFF

 7494E2

 CAE6FF

 577BC6

 E7FFFF

 3962AA

 134B90

 003575

 00205C

 000744

 00032D

 000118

 90AFFF

 90AFFF

 779DFF

 AAC1FF

 5D8AFF

 C3D4FF

 4378FF

 DDE6FF

 2A65FF

 F6F9FF

 1053FF

FFFFFF

 0047FF

Harmonies

Analogous

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



3CBCFD



90AFFF



CBA0EC

Triad

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



90AFFF



F7997C



57C497

Complementary

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



90AFFF



FFE090

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.



8DBE74



90AFFF



DEA664

Square

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



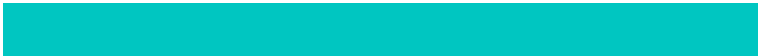
90AFFF



FE91A1



BAB460



00C6C1

Rectangle

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



90AFFF



E697D6



BAB460



6BC38A

Sweetspot

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



90AFFF



DEE7FF



90FFE0



6B7180



000000



808080

Same Dimension

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



90AFFF



7A9FFF



A890FF



737680



0035BF



001240

Inverse Universe

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



FF90AF



FF7A9F



E7FF90



807376



BF0035



400012

Previews

White Background



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

Color Contrast Check

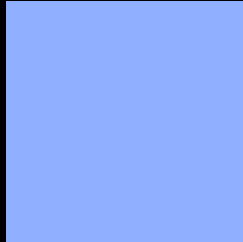
Large Text (above 18pt) WCAG AA × Fail

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 90AFFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

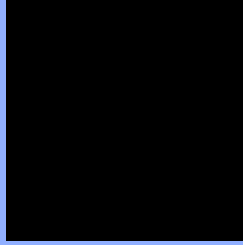
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

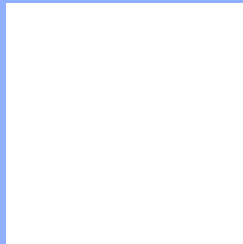
Any Text WCAG AAA ✓ Pass

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

Hex 90AFFE Background



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



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

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](#).

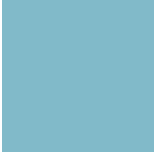
Dichromacy



Original Color
90AFFF

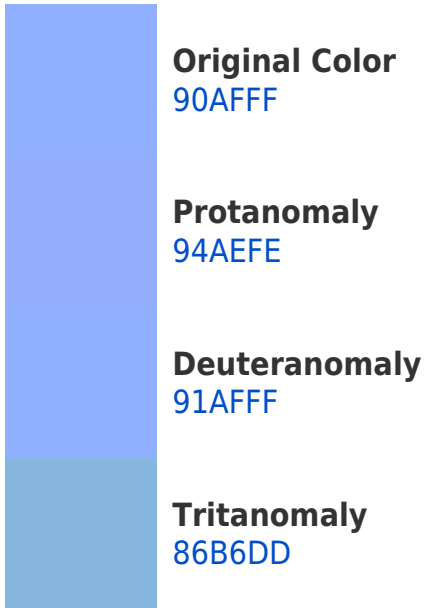
Protanopia
96AEFE

Deuteranopia
91AFFF

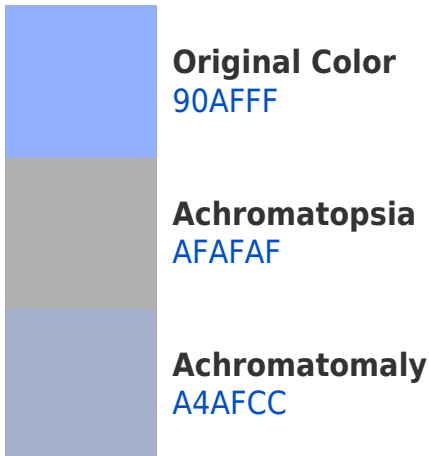


Tritanopia
81BAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #90AFFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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