

Converting Colors

Hex(90BDF5)

Have a look what the booklet for
Hex(90BDF5) contains.

Hex(90BDF5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90BDF5)

Conversions

Conversions Part 1

Format	Color
Hex	90BDF5
RGB	144, 189, 245
RGB Percent	56%, 74%, 96%
CMY	0.4353, 0.2588, 0.0392
CMYK	0.41, 0.23, 0.00, 0.04
HSL	213°, 83%, 76%
HSV	213°, 41%, 96%
XYZ	46.1806, 48.9171, 93.3942
YIQ	181.9290, -44.7960, 7.8760

Conversions

Conversions Part 2

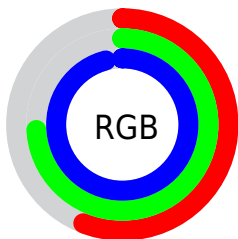
Format	Color
RYB	144, 175, 245
Decimal	9485813
CIELab	75.40, -0.89, -32.44
CIELCh	75, 32.454, 268.433
Yxy	48.9171, 0.2450, 0.2595
Android (android.graphics.Color)	4287675893 (0xFF90BDF5)
YUV	181.9290, 31.0940, -33.2637
Hunter-Lab	69.9407, -4.5359, -30.2134

Details

The Hex color **90BDF5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F5C890**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C9F5FF**, and **5888BD** is the 20% darker color. If you saturate the color by 10%, you get **78AFF5**, and if you desaturate by 10%, it is **A9CBF5**.

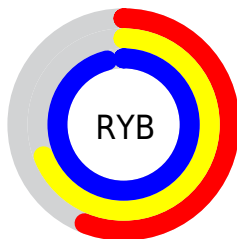
Distribution



Red (56%)

Green (74%)

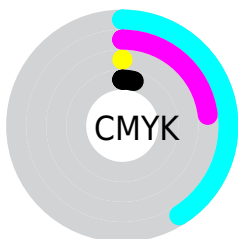
Blue (96%)



Red (56%)

Yellow (69%)

Blue (96%)

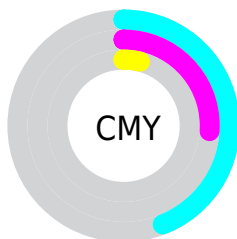


Cyan (41%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (44%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90BDF5 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 90BDF5 by changing the saturation by 10% instead.

■ 90BDF5

■ 90BDF5

FFFFFF

■ 74A2D8

■ C9F5FF

■ 5888BD

■ E6FFFF

■ 3C6FA1

■ 1A5687

■ 003F6D

■ 002A55

■ 00163D

■ 000327

■ 000110

■ 90BDF5

■ 90BDF5

■ 78AFF5

■ A9CBF5

■ 5FA2F5

■ C1D8F5

■ 4694F5

■ DAE6F5

■ 2E87F5

■ F2F3F5

■ 1579F5

■ FFFF5

■ 006DF5

Harmonies

Analogous

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



67C5EC



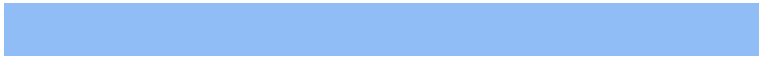
90BDF5



BCB3EE

Triad

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



90BDF5



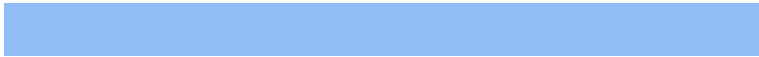
F5A59F



8EC79A

Complementary

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



90BDF5



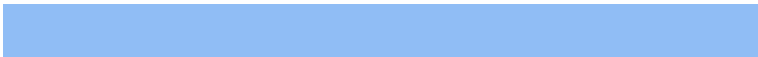
F5C890

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.



B1C184



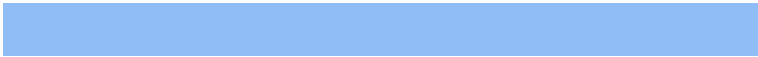
90BDF5



E8AD88

Square

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



90BDF5



F2A4BC



D0B77E



6CCAB7

Rectangle

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



90BDF5



D4ACE2



D0B77E



9AC591

Sweetspot

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



90BDF5



E0EEFF



90F5C8



6E7680



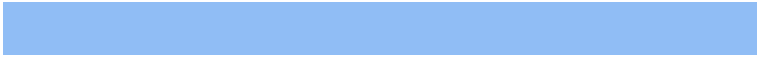
000000



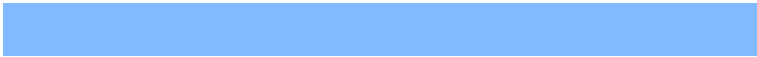
808080

Same Dimension

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



90BDF5



82BAFF



9590F5



6E747A



0053BA



001A3B

Inverse Universe

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



F590BD



FF82BA



F0F590



7A6E74



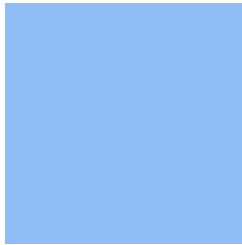
BA0053



3B001A

Previews

White Background



This preview shows how the Hex color 90BDF5 looks on a white background.

Color Contrast Check

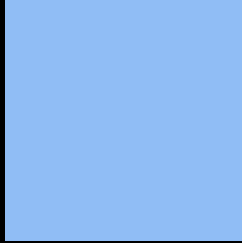
Large Text (above 18pt) WCAG AA × Fail

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 90BDF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

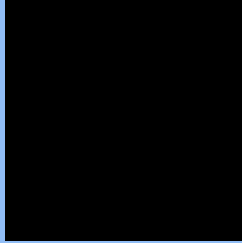
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

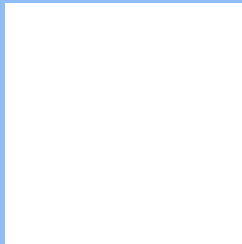
Any Text WCAG AAA ✓ Pass

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

Hex 90BDF5 Background



This preview shows how black text looks on a background with the Hex color 90BDF5.



This preview shows how white text looks on a background with the Hex color 90BDF5.

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
90BDF5

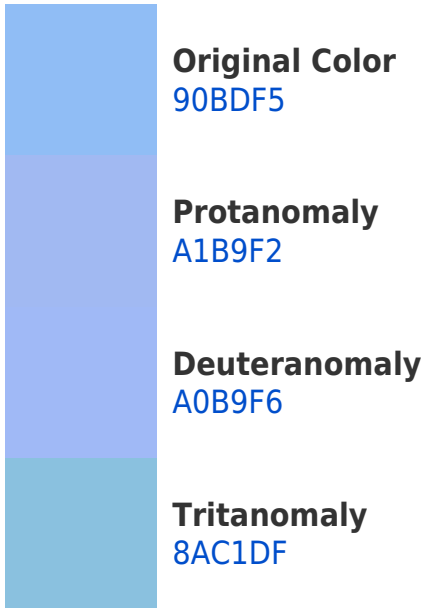
Protanopia
AAB7F1

Deuteranopia
A9B6F6

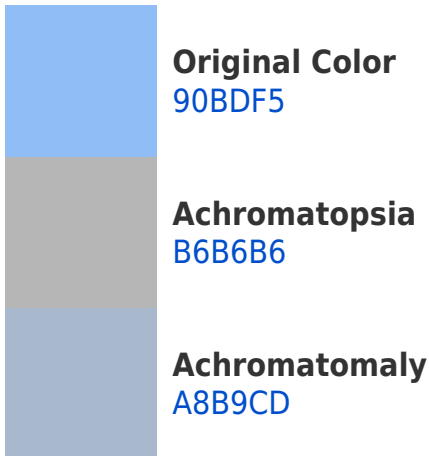


Tritanopia
87C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90BDF5 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 #90BDF5 looks like.

```
.text, #text, p{  
    color:#90BDF5  
}
```

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 #90BDF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BDF5
}
```

Border

The CSS property to change the border of an element to Hex 90BDF5 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
#90BDF5 }
```

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

```
.border{ border-color:#90BDF5 }
```

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

Here you see how a box with a 4 pixel #90BDF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BDF5; -webkit-box-shadow:4px 4px  
4px 4px #90BDF5; box-shadow:4px 4px 4px  
4px #90BDF5 }
```

Background

The CSS property to change the background color of an element to Hex 90BDF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BDF5 }
```

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

```
.background{ background-color:#90BDF5 }
```

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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