

Converting Colors

Hex(90BFE2)

Have a look what the booklet for
Hex(90BFE2) contains.

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Color

Hex(90BFE2)

Conversions

Conversions Part 1

Format	Color
Hex	90BFE2
RGB	144, 191, 226
RGB Percent	56%, 75%, 89%
CMY	0.4353, 0.2510, 0.1137
CMYK	0.36, 0.15, 0.00, 0.11
HSL	206°, 59%, 73%
HSV	206°, 36%, 89%
XYZ	43.8599, 48.6819, 79.0364
YIQ	180.9370, -39.2470, 0.9210

Conversions

Conversions Part 2

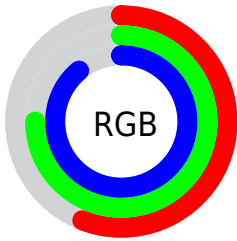
Format	Color
RYB	144, 174, 226
Decimal	9486306
CIELab	75.25, -6.95, -22.41
CIElCh	75, 23.464, 252.762
Yxy	48.6819, 0.2556, 0.2837
Android (android.graphics.Color)	4287676386 (0xFF90BFE2)
YUV	180.9370, 22.2161, -32.3937
Hunter-Lab	69.7724, -9.8942, -18.3215

Details

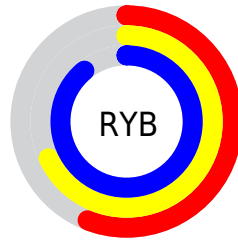
The Hex color **90BFE2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E2B390**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **C8F7FF**, and **5A8AAB** is the 20% darker color. If you saturate the color by 10%, you get **79B5E2**, and if you desaturate by 10%, it is **A7C9E2**.

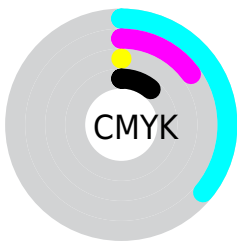
Distribution



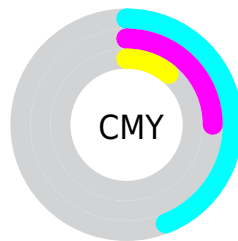
- Red (56%)
- Green (75%)
- Blue (89%)



- Red (56%)
- Yellow (68%)
- Blue (89%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90BFE2 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 90BFE2 by changing the saturation by 10% instead.

■ 90BFE2

FFFFFF

■ C8F7FF

■ E5FFFF

■ 90BFE2

■ 75A4C6

■ 5A8AAB

■ 3F7090

■ 235876

■ 00415D

■ 002B46

■ 00172F

■ 00011A

■ 000000

■ 90BFE2

■ 90BFE2

■ 79B5E2

■ A7C9E2

■ 63ACE2

■ BDD2E2

■ 4CA2E2

■ D4DCE2

■ 3698E2

■ EAE6E2

■ 1F8FE2

■ FFEFE2

■ 0885E2

■ FFF9E2

■ 0082E2

■ FFFFE2

Harmonies

Analogous

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



7EC4D6



90BFE2



ACB8E3

Triad

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



90BFE2



E6AAB1



A8C199

Complementary

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



90BFE2



E2B390

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.



C0BB8F



90BFE2



E3AD9D

Square

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



90BFE2



DDABC7



D5B491



90C5AC

Rectangle

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



90BFE2



C0B3DE



D5B491



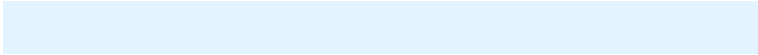
B0BF95

Sweetspot

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



90BFE2



E3F3FF



90E2B2



6F7880



000000



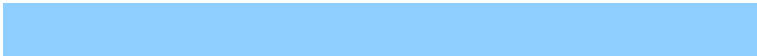
808080

Same Dimension

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



90BFE2



8FCFFF



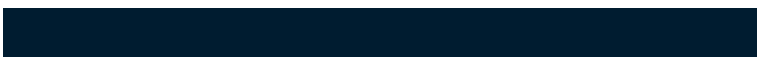
9097E2



656B70



0065B0



001C30

Inverse Universe

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



E290BF



FF8FCF



E2DB90



70656B



B00065



30001C

Previews

White Background



This preview shows how the Hex color 90BFE2 looks on a white background.

Color Contrast Check

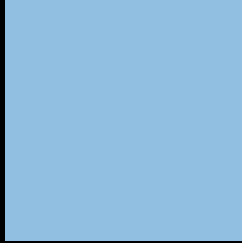
Large Text (above 18pt) WCAG AA × Fail

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 90BFE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

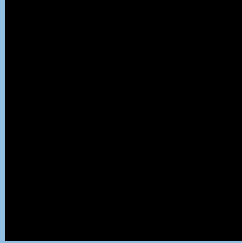
Any Text WCAG AA ✓ Pass

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 90BFE2 Background



This preview shows how black text looks on a background with the Hex color 90BFE2.

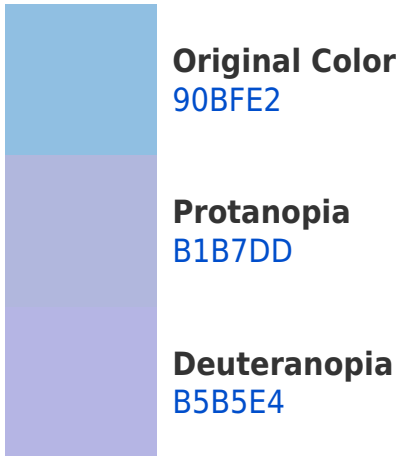


This preview shows how white text looks on a background with the Hex color 90BFE2.

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](#).

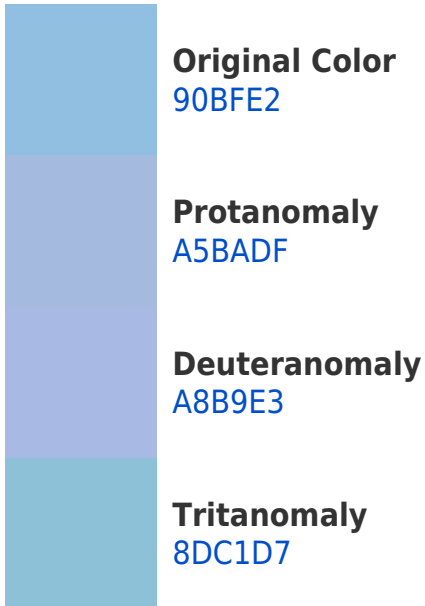
Dichromacy



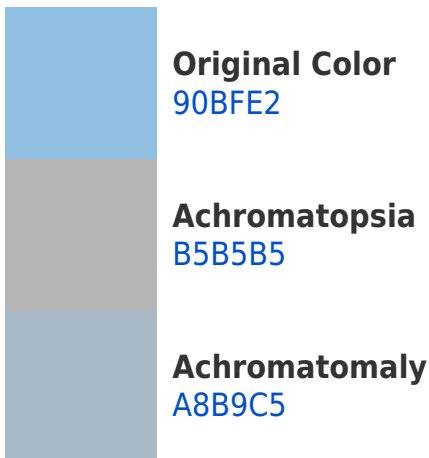


Tritanopia
8CC2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90BFE2 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 #90BFE2 looks like.

```
.text, #text, p{  
    color:#90BFE2  
}
```

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 #90BFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BFE2
}
```

Border

The CSS property to change the border of an element to Hex 90BFE2 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
#90BFE2 }
```

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

```
.border{ border-color:#90BFE2 }
```

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

Here you see how a box with a 4 pixel #90BFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BFE2; -webkit-box-shadow:4px 4px  
4px 4px #90BFE2; box-shadow:4px 4px 4px  
4px #90BFE2 }
```

Background

The CSS property to change the background color of an element to Hex 90BFE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BFE2 }
```

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

```
.background{ background-color:#90BFE2 }
```

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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