

Converting Colors

Hex(90E7F0)

Have a look what the booklet for
Hex(90E7F0) contains.

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Color

Hex(90E7F0)

Conversions

Conversions Part 1

Format	Color
Hex	90E7F0
RGB	144, 231, 240
RGB Percent	56%, 91%, 94%
CMY	0.4353, 0.0941, 0.0588
CMYK	0.40, 0.04, 0.00, 0.06
HSL	186°, 76%, 75%
HSV	186°, 40%, 94%
XYZ	55.8057, 69.3724, 92.8870
YIQ	206.0130, -54.7410, -15.6450

Conversions

Conversions Part 2

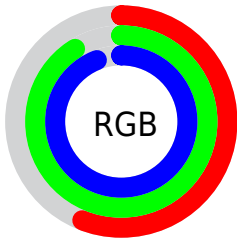
Format	Color
RYB	144, 190, 240
Decimal	9496560
CIELab	86.69, -23.94, -12.63
CIELCh	87, 27.070, 207.823
Yxy	69.3724, 0.2559, 0.3181
Android (android.graphics.Color)	4287686640 (0xFF90E7F0)
YUV	206.0130, 16.7556, -54.3854
Hunter-Lab	83.2901, -26.1598, -7.8185

Details

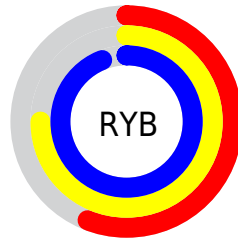
The Hex color **90E7F0** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F09990**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CAFFFF**, and **57AFB8** is the 20% darker color. If you saturate the color by 10%, you get **78E5F0**, and if you desaturate by 10%, it is **A8E9F0**.

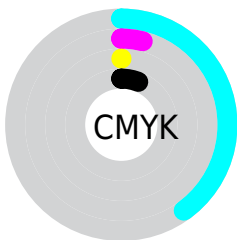
Distribution



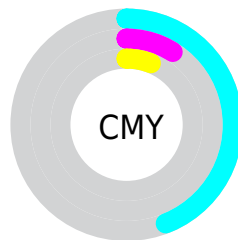
- Red (56%)
- Green (91%)
- Blue (94%)



- Red (56%)
- Yellow (75%)
- Blue (94%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (44%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90E7F0 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 90E7F0 by changing the saturation by 10% instead.

 90E7F0

 90E7F0

FFFFFF

 74CBD4

 CAFFFF

 57AFB8

 E7FFFF

 39949D

 127A83

 00616A

 004952

 00323B

 001F25

 000110

 90E7F0

 90E7F0

 78E5F0

 A8E9F0

 60E2F0

 C0EBF0

 48E0F0

 D8EEF0

 30DEF0

 F0F0F0

 18DCF0

 FFF2F0

 00D9F0

 FFF4F0

 FFF7F0

 FFF9F0

 FFFBF0

Harmonies

Analogous

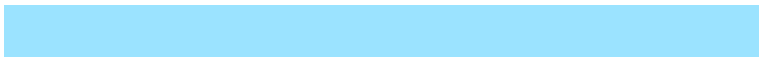
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CE8D6



90E7F0



9BE3FF

Triad

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



90E7F0



F9CBF5



EED7A6

Complementary

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



90E7F0



F09990

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.



FFCEAE



90E7F0



FFC7DC

Square

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



90E7F0



DBD3FF



FFC8C2



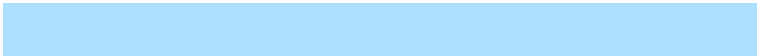
D3DFAB

Rectangle

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



90E7F0



ADDFFF



FFC8C2



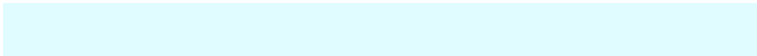
F6D4A7

Sweetspot

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



90E7F0



E0FCFF



90F098



6E7E80



000000



808080

Same Dimension

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



90E7F0



85F4FF



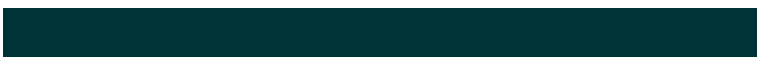
90B8F0



6C7778



00A6B8



003338

Inverse Universe

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



F090E7



FF85F4



F0C890



786C77



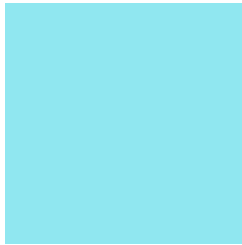
B800A6



380033

Previews

White Background



This preview shows how the Hex color 90E7F0 looks on a white background.

Color Contrast Check

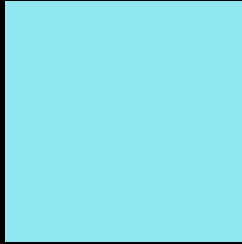
Large Text (above 18pt) WCAG AA × Fail

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 90E7F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

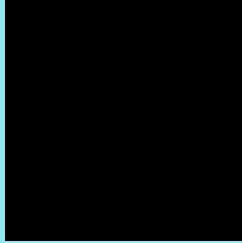
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

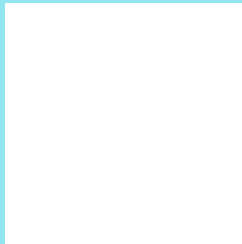
Any Text WCAG AAA ✓ Pass

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

Hex 90E7F0 Background



This preview shows how black text looks on a background with the Hex color 90E7F0.

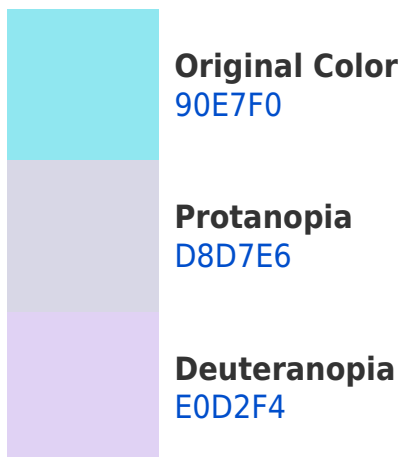


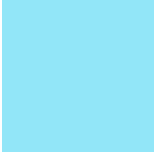
This preview shows how white text looks on a background with the Hex color 90E7F0.

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](#).

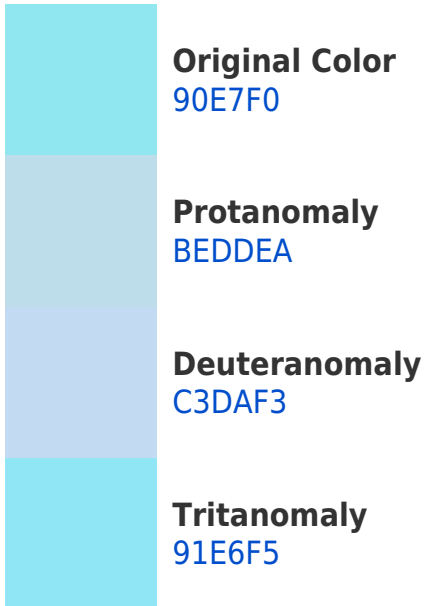
Dichromacy



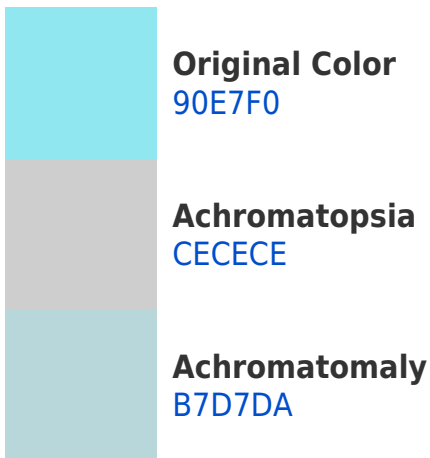


Tritanopia
92E6F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90E7F0 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 #90E7F0 looks like.

```
.text, #text, p{  
    color:#90E7F0  
}
```

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 #90E7F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E7F0  
}
```

Border

The CSS property to change the border of an element to Hex 90E7F0 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  
#90E7F0 }
```

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

```
.border{ border-color:#90E7F0 }
```

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

Here you see how a box with a 4 pixel #90E7F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E7F0; -webkit-box-shadow:4px 4px  
4px 4px #90E7F0; box-shadow:4px 4px 4px  
4px #90E7F0 }
```

Background

The CSS property to change the background color of an element to Hex 90E7F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E7F0 }
```

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

```
.background{ background-color:#90E7F0 }
```

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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