

Converting Colors

Hex(90EE90)

Have a look what the booklet for
Hex(90EE90) contains.

Hex(90EE90)	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(90EE90)

Conversions

Conversions Part 1

Format	Color
Hex	90EE90
RGB	144, 238, 144
RGB Percent	56%, 93%, 56%
CMY	0.4353, 0.0667, 0.4353
CMYK	0.39, 0.00, 0.39, 0.07
HSL	120°, 73%, 75%
HSV	120°, 39%, 93%
XYZ	47.1102, 69.0920, 37.2387
YIQ	199.1780, -25.8500, -49.1620

Conversions

Conversions Part 2

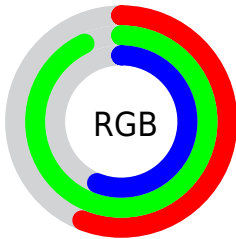
Format	Color
RYB	144, 238, 238
Decimal	9498256
CIELab	86.55, -46.33, 36.94
CIELCh	87, 59.255, 141.429
Yxy	69.0920, 0.3070, 0.4503
Android (android.graphics.Color)	4287688336 (0xFF90EE90)
YUV	199.1780, -27.2028, -48.3911
Hunter-Lab	83.1216, -44.2957, 31.6230

Details

The Hex color **90EE90** is a light color, and the websafe version is hex **99FF99**, and the color name is **lightgreen**. A complement of this color would be **EE90EE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **C9FFC7**, and **58B55C** is the 20% darker color. If you saturate the color by 10%, you get **78EE78**, and if you desaturate by 10%, it is **A8EEA8**.

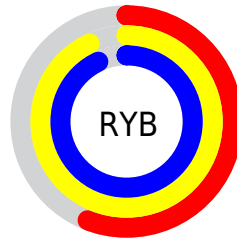
Distribution



Red (56%)

Green (93%)

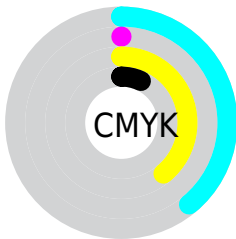
Blue (56%)



Red (56%)

Yellow (93%)

Blue (93%)

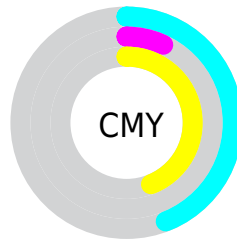


Cyan (39%)

Magenta (0%)

Yellow (39%)

Black (7%)



Cyan (44%)

Magenta (7%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90EE90 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 90EE90 by changing the saturation by 10% instead.

 90EE90

 90EE90

FFFFFF

 74D176


 C9FFC7

 58B55C

 E6FFE3

 3B9A43

 18802B

 006611

 004D00

 003500

 001F00

 000000

 90EE90

 90EE90

 78EE78

 A8EEA8

 60EE60

 C0EEC0

 49EE49


 D7EED7

 31EE31

 EFEEEE

 19EE19

 FFEFFF

 01EE01

 00EE00

Harmonies

Analogous

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



D2E26C



90EE90



10F4C6

Triad

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



90EE90



43E3FF



FFACB3

Complementary

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



90EE90



EE90EE

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.



FFABEB



90EE90



C3D0FF

Square

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



90EE90



00FFFF



FFBAFF



FFBB83

Rectangle

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



90EE90



00F5ED



FFBAFF



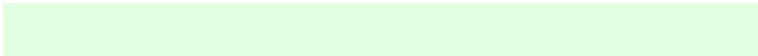
FFAAC5

Sweetspot

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



90EE90



E0FFE0



EEEE90



6E806E



000000



808080

Same Dimension

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



90EE90



87FF87



90EEBF



6C786C



00B800



003800

Inverse Universe

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



EE90EE



FF87FF



EE90BF



786C78



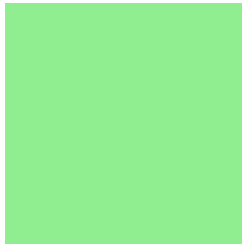
B800B8



380038

Previews

White Background



This preview shows how the Hex color 90EE90 looks on a white background.

Color Contrast Check

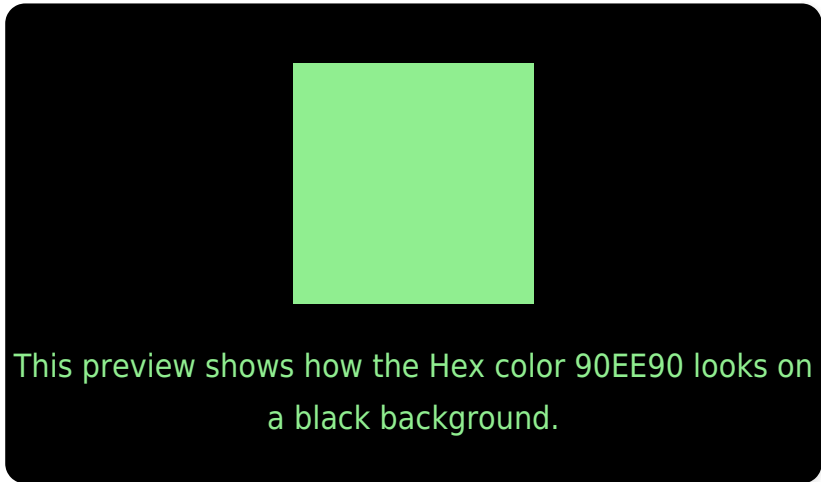
Large Text (above 18pt) WCAG AA × Fail

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

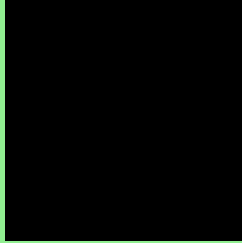
Any Text WCAG AA ✓ Pass

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 90EE90 Background



This preview shows how black text looks on a background with the Hex color 90EE90.

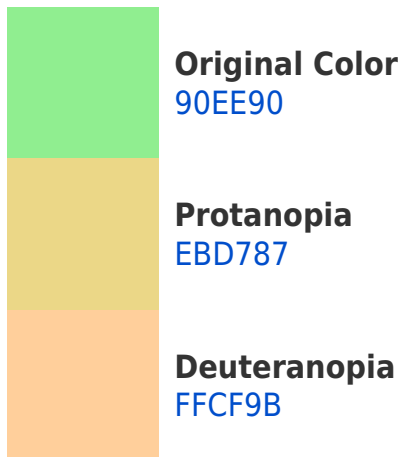


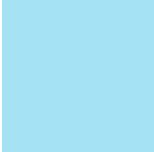
This preview shows how white text looks on a background with the Hex color 90EE90.

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



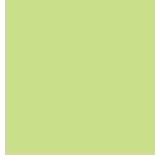


Tritanopia
A4E2F4

Trichromacy



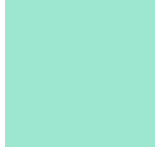
Original Color
90EE90



Protanomaly
CADF8A



Deuteranomaly
D7DA97



Tritanomaly
9DE6D0

Monochromacy



Original Color
90EE90



Achromatopsia
C7C7C7



Achromatomaly
B3D5B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 90EE90 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 #90EE90 looks like.

```
.text, #text, p{  
    color:#90EE90  
}
```

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 #90EE90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90EE90
}
```

Border

The CSS property to change the border of an element to Hex 90EE90 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
#90EE90 }
```

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

```
.border{ border-color:#90EE90 }
```

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

Here you see how a box with a 4 pixel #90EE90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90EE90; -webkit-box-shadow:4px 4px  
4px 4px #90EE90; box-shadow:4px 4px 4px  
4px #90EE90 }
```

Background

The CSS property to change the background color of an element to Hex 90EE90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90EE90 }
```

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

```
.background{ background-color:#90EE90 }
```

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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