

Converting Colors

Hex(71EB90)

Have a look what the booklet for
Hex(71EB90) contains.

Hex(71EB90)	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(71EB90)

Conversions

Conversions Part 1

Format	Color
Hex	71EB90
RGB	113, 235, 144
RGB Percent	44%, 92%, 56%
CMY	0.5569, 0.0784, 0.4353
CMYK	0.52, 0.00, 0.39, 0.08
HSL	135°, 75%, 68%
HSV	135°, 52%, 92%
XYZ	41.5524, 64.9410, 36.7304
YIQ	188.1480, -43.5010, -54.1650

Conversions

Conversions Part 2

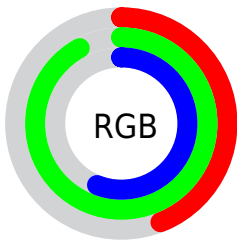
Format	Color
RYB	113, 210, 235
Decimal	7465872
CIELab	84.45, -53.51, 33.97
CIELCh	84, 63.380, 147.590
Yxy	64.9410, 0.2901, 0.4534
Android (android.graphics.Color)	4285655952 (0xFF71EB90)
YUV	188.1480, -21.7650, -65.9048
Hunter-Lab	80.5860, -48.9858, 29.3863

Details

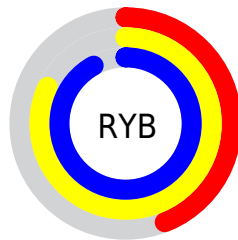
The Hex color **71EB90** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EB71CC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **ACFFC7**, and **31B25C** is the 20% darker color. If you saturate the color by 10%, you get **5AEB7E**, and if you desaturate by 10%, it is **89EBA2**.

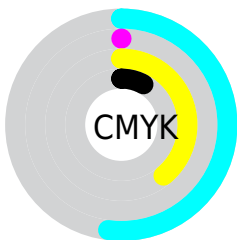
Distribution



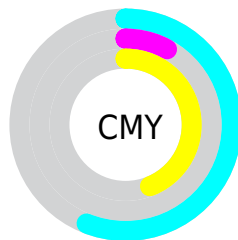
- Red (44%)
- Green (92%)
- Blue (56%)



- Red (44%)
- Yellow (82%)
- Blue (92%)



- Cyan (52%)
- Magenta (0%)
- Yellow (39%)
- Black (8%)




- Cyan (56%)
- Magenta (8%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71EB90 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 71EB90 by changing the saturation by 10% instead.

 71EB90

 71EB90

FFFFFF

 53CE76

 ACFFC7

 31B25C

 C9FFE3

 009744

 E7FFFF

 007C2C

 006213

 004900

 003200

 001800

 000000

 71EB90

 71EB90

 5AEB7E

 89EBA2

 42EB6D

 A0EBB3

 2AEB5B

 B8EBC5

 13EB4A

 CFEBD6

 00EB3C

 E7EBE8

 FEEBF9

 FFEbff

Harmonies

Analogous

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



BEE063



71EB90



00F0CC

Triad

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



71EB90



49DBFF



FFA49F

Complementary

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



71EB90



EB71CC

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.



FF9FDA



71EB90



CEC5FF

Square

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



71EB90



00E9FF



FFADFF



FFB86E

Rectangle

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



71EB90



00F1F5



FFADFF



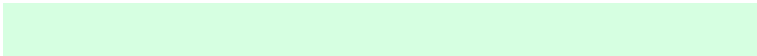
FFA0B2

Sweetspot

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



71EB90



D6FFE1



CCEB71



67806D



000000



808080

Same Dimension

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



71EB90



61FF89



71EBCC



6A756D



00B52E



00360E

Inverse Universe

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



EB71CC



FF61D7



EB7190



756A72



B50087



360028

Previews

White Background



This preview shows how the Hex color 71EB90 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 71EB90 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

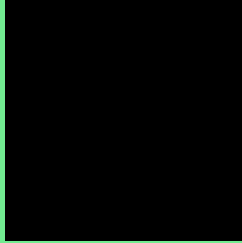
Any Text WCAG AA ✓ Pass

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 71EB90 Background



This preview shows how black text looks on a background with the Hex color 71EB90.

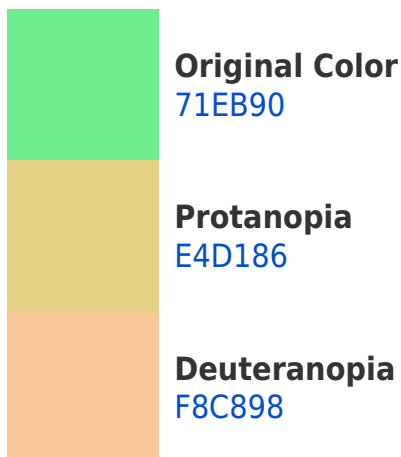


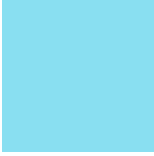
This preview shows how white text looks on a background with the Hex color 71EB90.

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



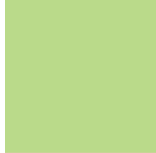


Tritanopia
89DFF1

Trichromacy



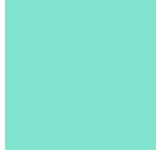
Original Color
71EB90



Protanomaly
BADA8A



Deuteranomaly
C7D595

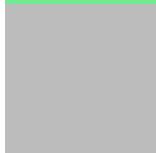


Tritanomaly
80E3CE

Monochromacy



Original Color
71EB90



Achromatopsia
BCBCBC



Achromatomaly
A1CDAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 71EB90 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 #71EB90 looks like.

```
.text, #text, p{  
    color:#71EB90  
}
```

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 #71EB90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71EB90
}
```

Border

The CSS property to change the border of an element to Hex 71EB90 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
#71EB90 }
```

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

```
.border{ border-color:#71EB90 }
```

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

Here you see how a box with a 4 pixel #71EB90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71EB90; -webkit-box-shadow:4px 4px  
4px 4px #71EB90; box-shadow:4px 4px 4px  
4px #71EB90 }
```

Background

The CSS property to change the background color of an element to Hex 71EB90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71EB90 }
```

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

```
.background{ background-color:#71EB90 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor