

# Converting Colors

Hex(71EAAF)

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

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# **Color**

**Hex(71EAAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71EAAF
RGB	113, 234, 175
RGB Percent	44%, 92%, 69%
CMY	0.5569, 0.0824, 0.3137
CMYK	0.52, 0.00, 0.25, 0.08
HSL	151°, 74%, 68%
HSV	151°, 52%, 92%
XYZ	43.9707, 65.4515, 50.8733
YIQ	191.0950, -53.1770, -44.0010

# Conversions

## Conversions Part 2

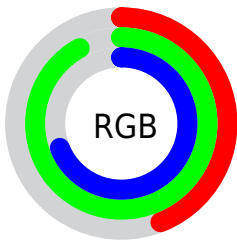
Format	Color
<a href="#">RYB</a>	<a href="#">113, 193, 234</a>
Decimal	<a href="#">7465647</a>
CIELab	<a href="#">84.72, -47.42, 18.45</a>
CIELCh	<a href="#">85, 50.881, 158.734</a>
Yxy	<a href="#">65.4515, 0.2743, 0.4083</a>
Android (android.graphics.Color)	<a href="#">4285655727</a> ( <a href="#">0xFF71EAAF</a> )
YUV	<a href="#">191.0950, -7.9348, -68.4893</a>
Hunter-Lab	<a href="#">80.9021, -44.5629, 19.3484</a>

# Details

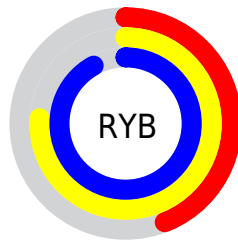
The Hex color **71EAAF** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EA71AC**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **ACFFE7**, and **32B17A** is the 20% darker color. If you saturate the color by 10%, you get **5AEAA4**, and if you desaturate by 10%, it is **88EABA**.

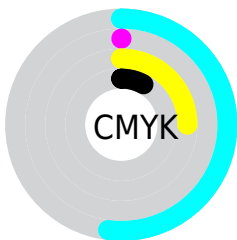
# Distribution



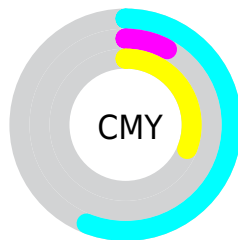
- Red (44%)
- Green (92%)
- Blue (69%)



- Red (44%)
- Yellow (76%)
- Blue (92%)



- Cyan (52%)
- Magenta (0%)
- Yellow (25%)
- Black (8%)



- Cyan (56%)
- Magenta (8%)
- Yellow (31%)

# Brightness & Saturation Gradients

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



 71EAAF

 71EAAF


FFFFFF

 53CD94

 ACFFE7

 32B17A

 C9FFFF

 009661

 E7FFFF

 007C49

 006232


 00491D

 003105

 001900

 000000

 71EAAF

 71EAAF

 5AEAA4

 88EABA

 42EA98

 A0EAC6

 2BEA8D

 B7EAD1

 13EA81

 CFEADD

 00EA78

 E6EAE8

 FDEAF3

 FFEAFF

# Harmonies

## Analogous

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



B0E286



71EAAF



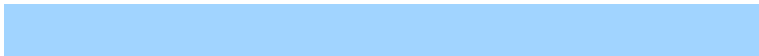
00EDED

# Triad

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



71EAAF



A1D4FF



FFB59A

# Complementary

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



71EAAF



EA71AC

# 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.



FFADC7



71EAAF



EBC2FF

# Square

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



71EAAF



31E2FF



FFB2F7



FFC57A

# Rectangle

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



71EAAF



00ECFF



FFB2F7



FFB1A8

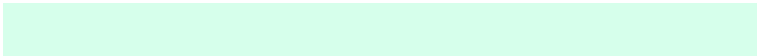


# Sweetspot

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



71EAAF



D6FFEB



AEEA71



678074



000000



808080



# Same Dimension

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



71EAAF



61FFB2



71EAEA



6A7570



00B55D



00361B



# Inverse Universe

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



EA71AC



FF61AE



EA7171



756A6F



B50058

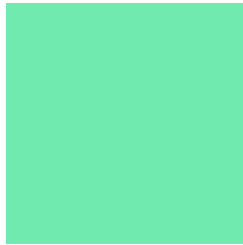


36001A



# Previews

## White Background



This preview shows how the Hex color 71EAAF looks on a white background.

## Color Contrast Check

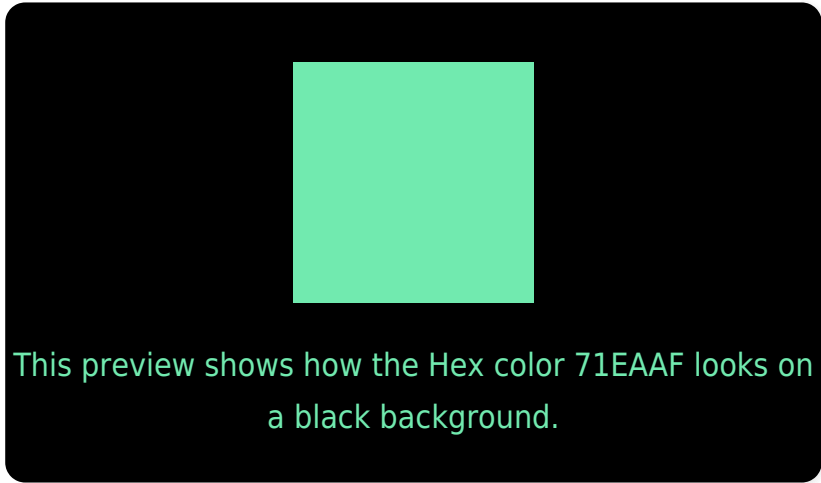
Large Text (above 18pt) WCAG AA × Fail

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

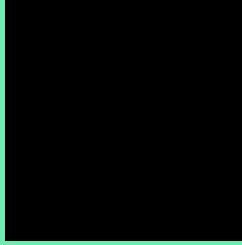
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71EAAF Background



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

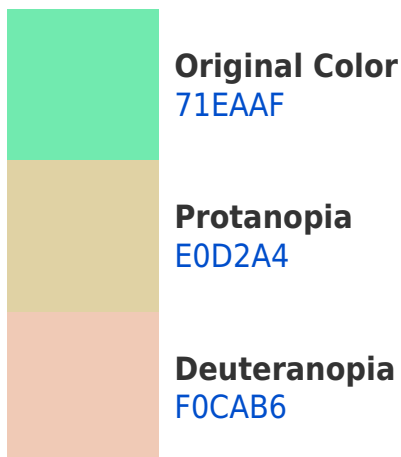


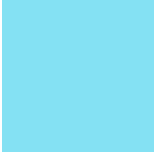
This preview shows how white text looks on a background with the Hex color 71EAAF.

# 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](#).

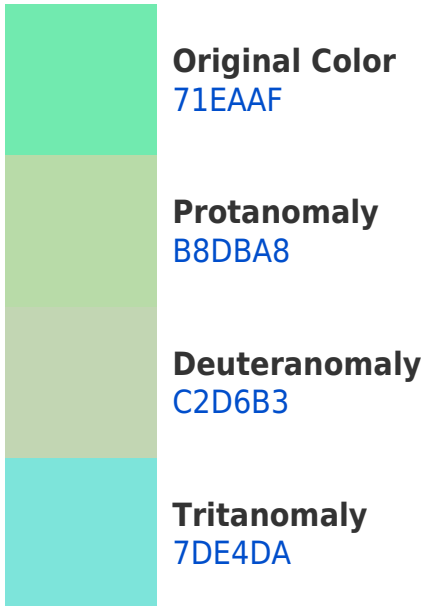
## Dichromacy



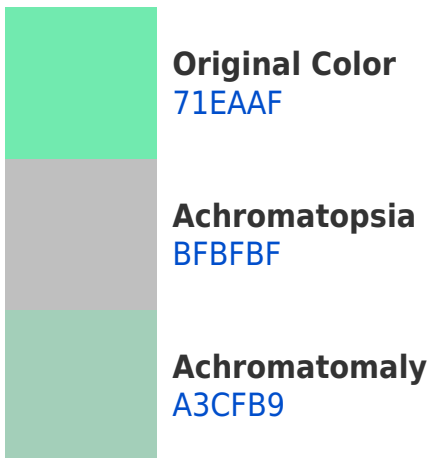


**Tritanopia**  
84E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #71EAAF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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