

# Converting Colors

Hex(71E392)

Have a look what the booklet for  
Hex(71E392) contains.

<b>Hex(71E392)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(71E392)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71E392
RGB	113, 227, 146
RGB Percent	44%, 89%, 57%
CMY	0.5569, 0.1098, 0.4275
CMYK	0.50, 0.00, 0.36, 0.11
HSL	137°, 67%, 67%
HSV	137°, 50%, 89%
XYZ	39.4674, 60.5242, 36.7963
YIQ	183.6800, -41.9430, -49.3590

# Conversions

## Conversions Part 2

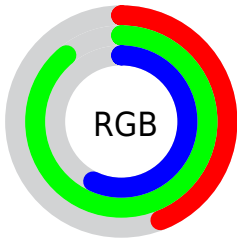
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 201, 227
Decimal	7463826
CIELab	82.12, -49.92, 29.87
CIELCh	82, 58.170, 149.106
Yxy	60.5242, 0.2885, 0.4425
Android (android.graphics.Color)	4285653906 (0xFF71E392)
YUV	183.6800, -18.5762, -61.9864
Hunter-Lab	77.7973, -45.5902, 26.4153

# Details

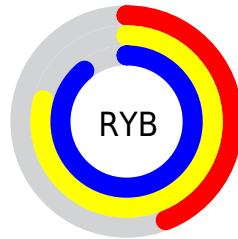
The Hex color **71E392** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E371C2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **ABFFC8**, and **33AB5F** is the 20% darker color. If you saturate the color by 10%, you get **5AE382**, and if you desaturate by 10%, it is **88E3A2**.

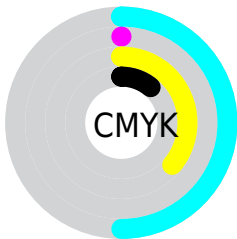
# Distribution



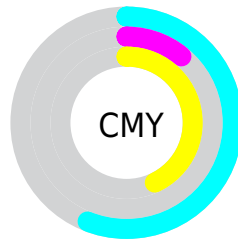
- Red (44%)
- Green (89%)
- Blue (57%)



- Red (44%)
- Yellow (79%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71E392 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 71E392 by changing the saturation by 10% instead.



 71E392

 71E392

FFFFFF

 53C778

 ABFFC8

 33AB5F

 C8FFE5

 009046

 E6FFFF

 00752E

 005C17

 004300

 002D00

 000E00

 000000

 71E392

 71E392

 5AE382

 88E3A2

 44E372

 9EE3B2

 2DE362

 B5E3C2

 16E351

 CCE3D3

 00E342

 E3E3E3

 F9E3F3

 FFE3FF

# Harmonies

## Analogous

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



B7D969



71E392



00E8C9

# Triad

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



71E392



63D2FF



FFA39A

# Complementary

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



71E392



E371C2

# 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.



FF9ED0



71E392



CDBFFF

# Square

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



71E392



00E0FF



FFA0FF



FF8C00

# Rectangle

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



71E392



00E8EE



FFAAFF



FFA0AB

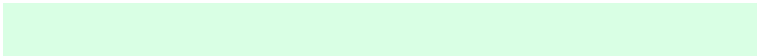


# Sweetspot

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



71E392



D9FFE4



C3E371



69806F



000000



808080



# Same Dimension

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



71E392



66FF92



71E3CA



67736B



00B334



00330F



# Inverse Universe

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



E371C2



FF66D3



E3718A



73676F



B3007F

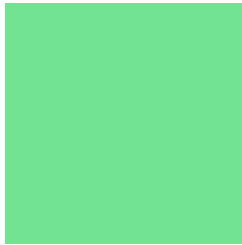


330024



# Previews

## White Background



This preview shows how the Hex color 71E392 looks on a white background.

## Color Contrast Check

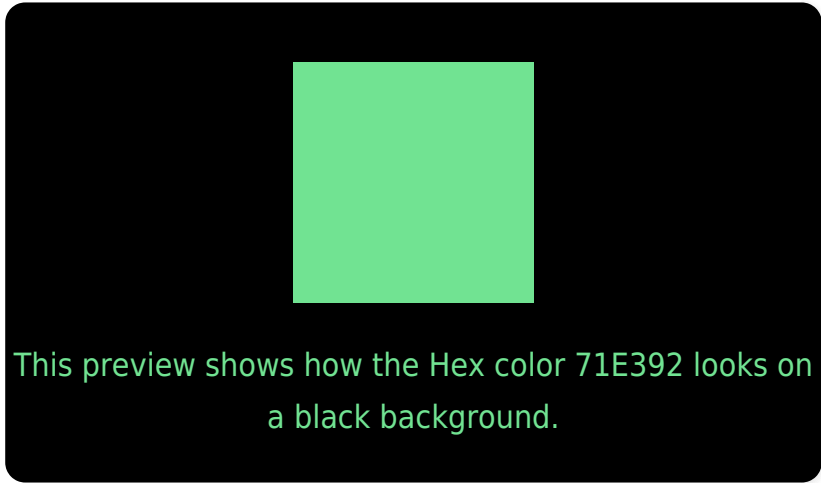
Large Text (above 18pt) WCAG AA × Fail

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

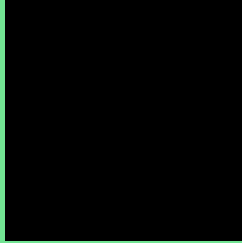
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71E392 Background



This preview shows how black text looks on a background with the Hex color 71E392.

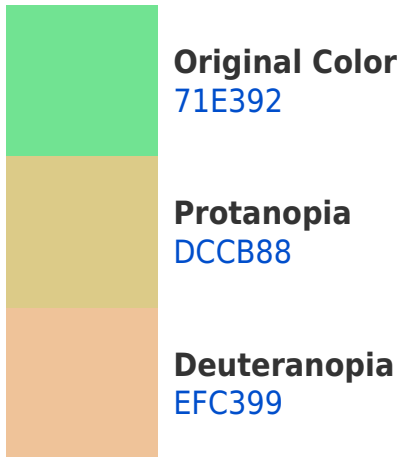


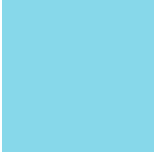
This preview shows how white text looks on a background with the Hex color 71E392.

# 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](#).

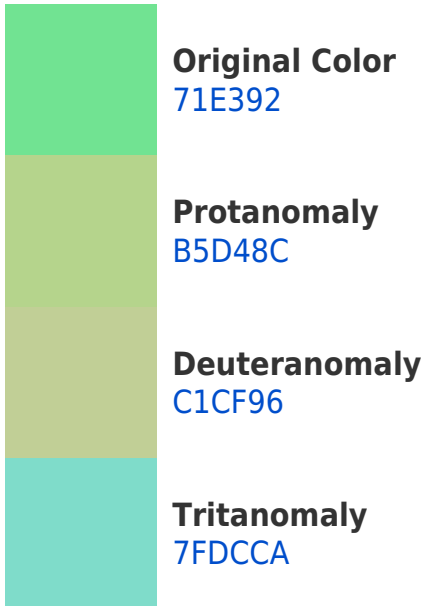
## Dichromacy



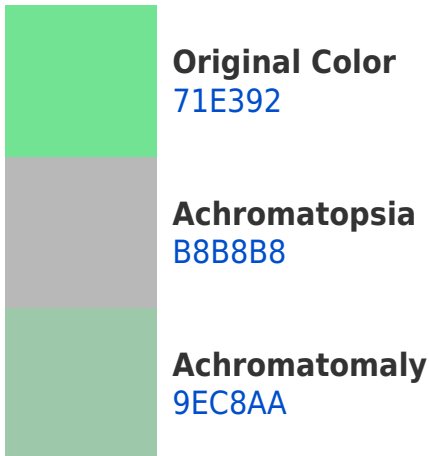


**Tritanopia**  
87D8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71E392 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 #71E392 looks like.

```
.text, #text, p{  
    color:#71E392  
}
```

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 #71E392 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E392
}
```

## Border

The CSS property to change the border of an element to Hex 71E392 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
#71E392 }
```

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

```
.border{ border-color:#71E392 }
```

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

Here you see how a box with a 4 pixel #71E392 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E392; -webkit-box-shadow:4px 4px  
4px 4px #71E392; box-shadow:4px 4px 4px  
4px #71E392 }
```

# Background

The CSS property to change the background color of an element to Hex 71E392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E392 }
```

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

```
.background{ background-color:#71E392 }
```

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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