

Converting Colors

Hex(70E292)

Have a look what the booklet for
Hex(70E292) contains.

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Color

Hex(70E292)

Conversions

Conversions Part 1

Format	Color
Hex	70E292
RGB	112, 226, 146
RGB Percent	44%, 89%, 57%
CMY	0.5608, 0.1137, 0.4275
CMYK	0.50, 0.00, 0.35, 0.11
HSL	138°, 66%, 66%
HSV	138°, 50%, 89%
XYZ	39.0668, 59.9128, 36.6994
YIQ	182.7940, -42.2640, -49.0480

Conversions

Conversions Part 2

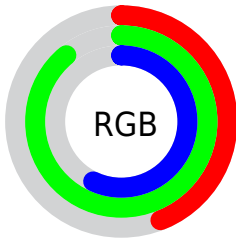
Format	Color
RYB	112, 200, 226
Decimal	7398034
CIELab	81.79, -49.75, 29.42
CIELCh	82, 57.801, 149.405
Yxy	59.9128, 0.2879, 0.4416
Android (android.graphics.Color)	4285588114 (0xFF70E292)
YUV	182.7940, -18.1394, -62.0863
Hunter-Lab	77.4033, -45.3639, 26.0710

Details

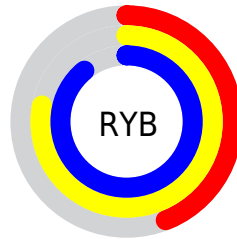
The Hex color **70E292** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E270C0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **AAFFC8**, and **32AA5F** is the 20% darker color. If you saturate the color by 10%, you get **59E282**, and if you desaturate by 10%, it is **87E2A2**.

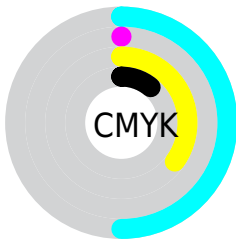
Distribution



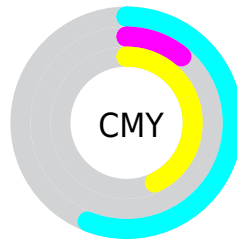
- Red (44%)
- Green (89%)
- Blue (57%)



- Red (44%)
- Yellow (78%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 70E292 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 70E292 by changing the saturation by 10% instead.

 70E292

 70E292

FFFFFF

 52C678

 AAFFC8

 32AA5F

 C7FFE5

 008F46

 E5FFFF

 00742F

 005B17

 004200

 002C00

 000C00

 000000

 70E292

 70E292

 59E282

 87E2A2

 43E272

 9DE2B2

 2CE262

 B4E2C2

 16E253

 CAE2D1

 00E243

 E1E2E1

 F8E2F1

 FFE2FF

Harmonies

Analogous

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



B5D869



70E292



00E7C8

Triad

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



70E292



65D1FF



FFA399

Complementary

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



70E292



E270C0

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.



FF9ECF



70E292



CDBEFF

Square

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



70E292



00DFFF



FFA9FF



FFB46F

Rectangle

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



70E292



00E7EE



FFA9FF



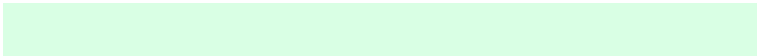
FF9FAA

Sweetspot

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



70E292



D9FFE4



C2E270



69806F



000000



808080

Same Dimension

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



70E292



63FF92



70E2C9



657068



00B034



00300E

Inverse Universe

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



E270C0



FF63D1



E27089



70656D



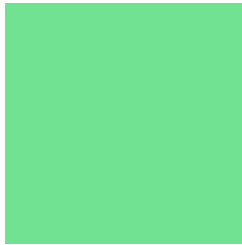
B0007B



300022

Previews

White Background



This preview shows how the Hex color 70E292 looks on a white background.

Color Contrast Check

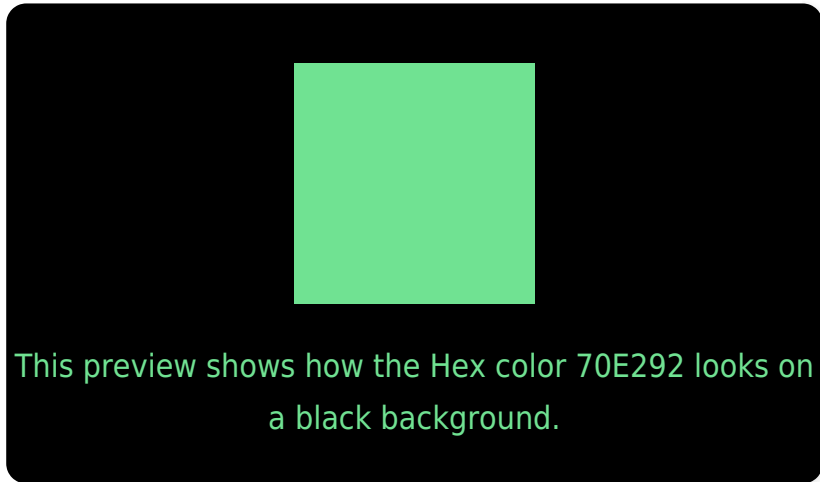
Large Text (above 18pt) WCAG AA × Fail

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

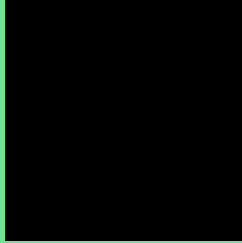
Any Text WCAG AA ✓ Pass

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 70E292 Background



This preview shows how black text looks on a background with the Hex color 70E292.

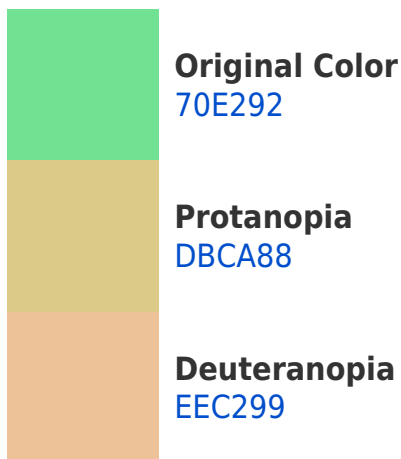


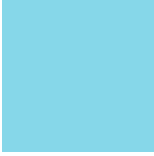
This preview shows how white text looks on a background with the Hex color 70E292.

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



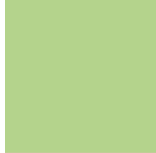


Tritanopia
86D7E9

Trichromacy



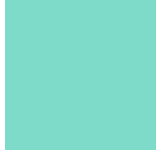
Original Color
70E292



Protanomaly
B4D38C



Deuteranomaly
C0CE96

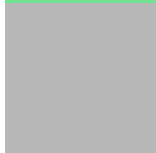


Tritanomaly
7EDBC9

Monochromacy



Original Color
70E292



Achromatopsia
B7B7B7



Achromatomaly
9DC7AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 70E292 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 #70E292 looks like.

```
.text, #text, p{  
    color:#70E292  
}
```

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 #70E292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E292
}
```

Border

The CSS property to change the border of an element to Hex 70E292 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
#70E292 }
```

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

```
.border{ border-color:#70E292 }
```

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

Here you see how a box with a 4 pixel #70E292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E292; -webkit-box-shadow:4px 4px  
4px 4px #70E292; box-shadow:4px 4px 4px  
4px #70E292 }
```

Background

The CSS property to change the background color of an element to Hex 70E292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E292 }
```

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

```
.background{ background-color:#70E292 }
```

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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