

Converting Colors

Hex(72EE7E)

Have a look what the booklet for
Hex(72EE7E) contains.

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Color

Hex(72EE7E)

Conversions

Conversions Part 1

Format	Color
Hex	72EE7E
RGB	114, 238, 126
RGB Percent	45%, 93%, 49%
CMY	0.5529, 0.0667, 0.5059
CMYK	0.52, 0.00, 0.47, 0.07
HSL	126°, 78%, 69%
HSV	126°, 52%, 93%
XYZ	41.2799, 66.2328, 30.3472
YIQ	188.1560, -37.9520, -61.1200

Conversions

Conversions Part 2

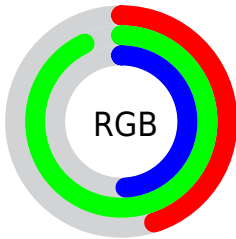
Format	Color
RYB	114, 227, 238
Decimal	7532158
CIELab	85.12, -57.19, 43.69
CIElCh	85, 71.973, 142.620
Yxy	66.2328, 0.2994, 0.4804
Android (android.graphics.Color)	4285722238 (0xFF72EE7E)
YUV	188.1560, -30.6429, -65.0348
Hunter-Lab	81.3836, -51.8814, 34.8598

Details

The Hex color **72EE7E** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EE72E2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **ADFFB4**, and **31B54A** is the 20% darker color. If you saturate the color by 10%, you get **5AEE69**, and if you desaturate by 10%, it is **8AEE93**.

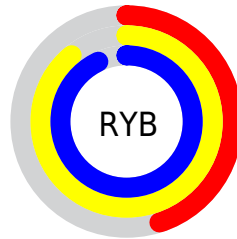
Distribution



Red (45%)

Green (93%)

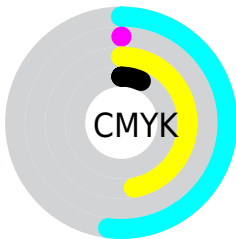
Blue (49%)



Red (45%)

Yellow (89%)

Blue (93%)

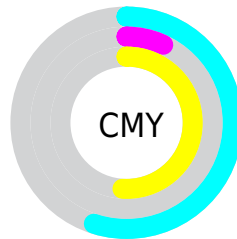


Cyan (52%)

Magenta (0%)

Yellow (47%)

Black (7%)



Cyan (55%)

Magenta (7%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72EE7E 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 72EE7E by changing the saturation by 10% instead.

 72EE7E

 72EE7E

FFFFFF

 53D164

 ADFFB4

 31B54A

 CBFFD0

 009931

 E9FFED

 007F15

 006500

 004B00

 003400

 001A00

 000000

 72EE7E

 72EE7E

 5AEE69

 8AEE93

 42EE53

 A2EEA9

 2BEE3E

 B9EEBE

 13EE28

 D1EED4

 00EE17

 E9EEE9

 FFEEFF

Harmonies

Analogous

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



C7E04D



72EE7E



00F5C1

Triad

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



72EE7E



00E1FF



FF9BA4

Complementary

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



72EE7E



EE72E2

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.



FF98E8



72EE7E



BACAFF

Square

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



72EE7E



00F0FF



FFADFF



FFB16A

Rectangle

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



72EE7E



00F6F0



FFADFF



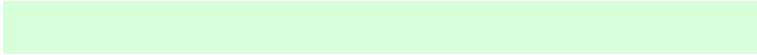
FF97BA

Sweetspot

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



72EE7E



D6FFDA



E4EE72



67806A



000000



808080

Same Dimension

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



72EE7E



5EFF6E



72EEBA



6C786D



00B812



003805

Inverse Universe

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



EE72E2



FF5EEF



EE72A6



786C77



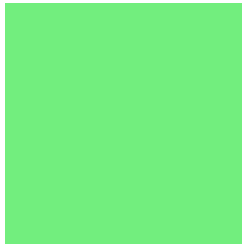
B800A6



380033

Previews

White Background



This preview shows how the Hex color 72EE7E looks on a white background.

Color Contrast Check

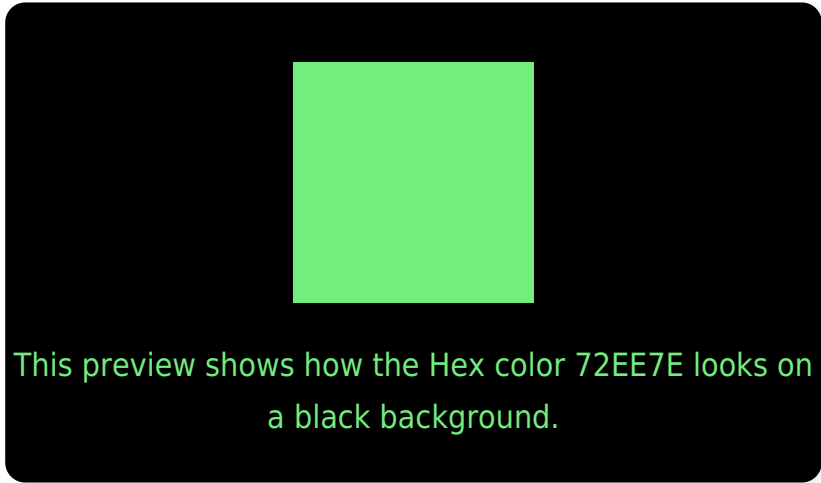
Large Text (above 18pt) WCAG AA × Fail

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

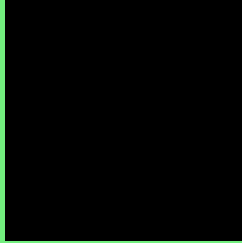
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

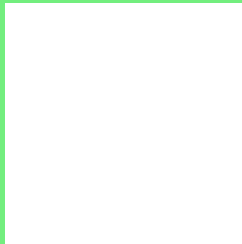
Any Text WCAG AAA ✓ Pass

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

Hex 72EE7E Background



This preview shows how black text looks on a background with the Hex color 72EE7E.

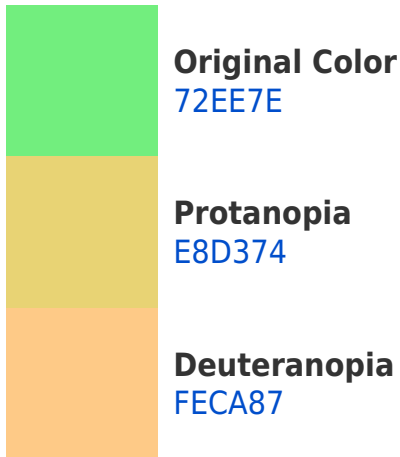


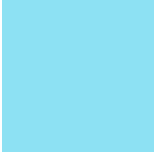
This preview shows how white text looks on a background with the Hex color 72EE7E.

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



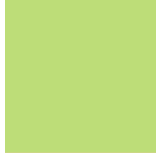


Tritanopia
8DE1F3

Trichromacy



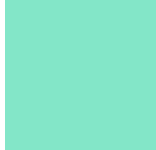
Original Color
72EE7E



Protanomaly
BDDD78



Deuteranomaly
CBD784

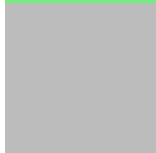


Tritanomaly
83E6C8

Monochromacy



Original Color
72EE7E



Achromatopsia
BCBCBC



Achromatomaly
A1CEA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 72EE7E 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 #72EE7E looks like.

```
.text, #text, p{  
    color:#72EE7E  
}
```

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 #72EE7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72EE7E
}
```

Border

The CSS property to change the border of an element to Hex 72EE7E 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
#72EE7E }
```

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

```
.border{ border-color:#72EE7E }
```

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

Here you see how a box with a 4 pixel #72EE7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72EE7E; -webkit-box-shadow:4px 4px  
4px 4px #72EE7E; box-shadow:4px 4px 4px  
4px #72EE7E }
```

Background

The CSS property to change the background color of an element to Hex 72EE7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72EE7E }
```

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

```
.background{ background-color:#72EE7E }
```

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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