

Converting Colors

Hex(72FE85)

Have a look what the booklet for
Hex(72FE85) contains.

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Color

Hex(72FE85)

Conversions

Conversions Part 1

Format	Color
Hex	72FE85
RGB	114, 254, 133
RGB Percent	45%, 100%, 52%
CMY	0.5529, 0.0039, 0.4784
CMYK	0.55, 0.00, 0.48, 0.00
HSL	128°, 99%, 72%
HSV	128°, 55%, 100%
XYZ	46.6149, 76.1545, 34.4327
YIQ	198.3460, -44.5990, -67.3110

Conversions

Conversions Part 2

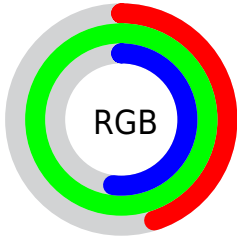
Format	Color
RYB	114, 237, 254
Decimal	7536261
CIELab	89.93, -62.29, 46.38
CIELCh	90, 77.664, 143.331
Yxy	76.1545, 0.2965, 0.4844
Android (android.graphics.Color)	4285726341 (0xFF72FE85)
YUV	198.3460, -32.2156, -73.9714
Hunter-Lab	87.2665, -57.3677, 37.6925

Details

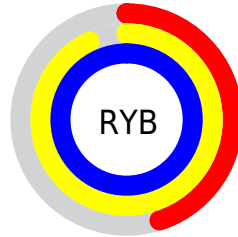
The Hex color **72FE85** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FE72EB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **AFFFBC**, and **2BC450** is the 20% darker color. If you saturate the color by 10%, you get **59FE6F**, and if you desaturate by 10%, it is **8BFE9B**.

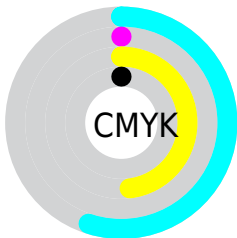
Distribution



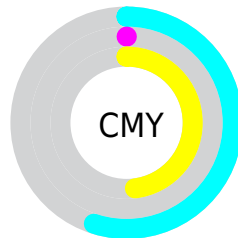
- Red (45%)
- Green (100%)
- Blue (52%)



- Red (45%)
- Yellow (93%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72FE85 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 72FE85 by changing the saturation by 10% instead.

 72FE85

 72FE85

FFFFFF

 52E16A

 AFFFBC

 2BC450

 CDFFD8

 00A837

 ECFFF5

 008D1B

 007200

 005800

 003F00

 002800

 000000

 72FE85

 72FE85

 59FE6F

 8BFE9B

 3FFE59

 A5FEB1

 26FE43

 BEFEC7

 0CFE2D

 D8FEDD

 00FE22

 F1FEF3

FFFEFF

Harmonies

Analogous

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



D1F04E



72FE85



00FFCF

Triad

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



72FE85



00EFFF



FFA3AC

Complementary

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



72FE85



FE72EB

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.



FF9FF6



72FE85



C7D5FF

Square

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



72FE85



00FFFF



FFB6FF



FFBC6C

Rectangle

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



72FE85



00FFFF



FFB6FF



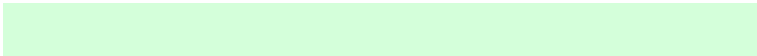
FF9EC4

Sweetspot

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



72FE85



D4FFDA



EBFE72



668069



000000



808080

Same Dimension

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



72FE85



57FF6E



72FECB



738074



00BF1A



004009

Inverse Universe

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



FE72EB



FF57E8



FE72A5



80737E



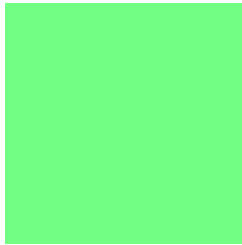
BF00A5



400037

Previews

White Background



This preview shows how the Hex color 72FE85 looks on a white background.

Color Contrast Check

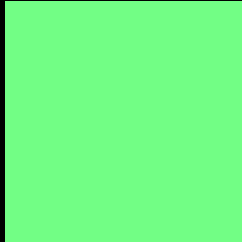
Large Text (above 18pt) WCAG AA × Fail

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 72FE85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

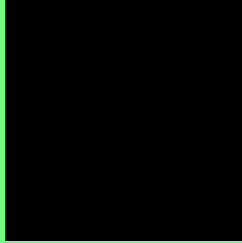
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

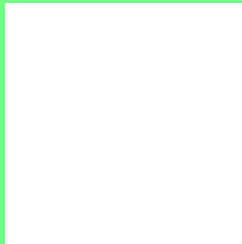
Any Text WCAG AAA ✓ Pass

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

Hex 72FE85 Background



This preview shows how black text looks on a background with the Hex color 72FE85.

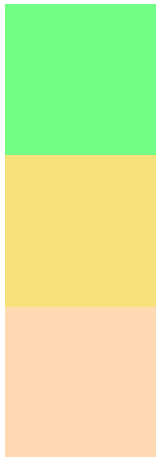


This preview shows how white text looks on a background with the Hex color 72FE85.

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](#).

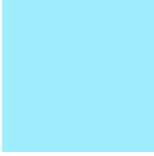
Dichromacy



Original Color
72FE85

Protanopia
F7E17B

Deuteranopia
FFDAB2

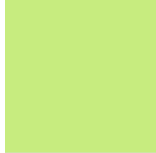


Tritanopia
9EEEF

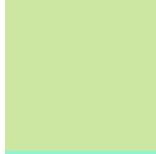
Trichromacy



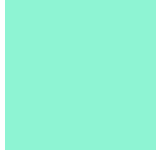
Original Color
72FE85



Protanomaly
C7EC7F

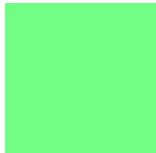


Deuteranomaly
CCE7A2

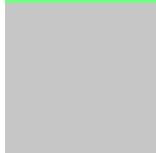


Tritanomaly
8EF4D3

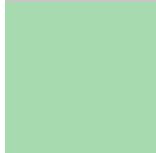
Monochromacy



Original Color
72FE85



Achromatopsia
C6C6C6



Achromatomaly
A7DAAE

CSS Examples

Text

The CSS property to change the color of the text to Hex 72FE85 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 #72FE85 looks like.

```
.text, #text, p{  
    color:#72FE85  
}
```

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 #72FE85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72FE85
}
```

Border

The CSS property to change the border of an element to Hex 72FE85 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
#72FE85 }
```

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

```
.border{ border-color:#72FE85 }
```

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

Here you see how a box with a 4 pixel #72FE85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72FE85; -webkit-box-shadow:4px 4px  
4px 4px #72FE85; box-shadow:4px 4px 4px  
4px #72FE85 }
```

Background

The CSS property to change the background color of an element to Hex 72FE85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72FE85 }
```

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

```
.background{ background-color:#72FE85 }
```

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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