

Converting Colors

Hex(76ED88)

Have a look what the booklet for
Hex(76ED88) contains.

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Color

Hex(76ED88)

Conversions

Conversions Part 1

Format	Color
Hex	76ED88
RGB	118, 237, 136
RGB Percent	46%, 93%, 53%
CMY	0.5373, 0.0706, 0.4667
CMYK	0.50, 0.00, 0.43, 0.07
HSL	129°, 77%, 70%
HSV	129°, 50%, 93%
XYZ	42.1993, 66.1975, 33.8458
YIQ	189.9050, -38.5030, -56.6390

Conversions

Conversions Part 2

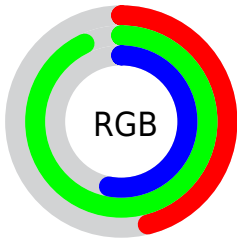
Format	Color
RYB	118, 221, 237
Decimal	7794056
CIELab	85.10, -54.32, 38.82
CIELCh	85, 66.771, 144.447
Yxy	66.1975, 0.2967, 0.4654
Android (android.graphics.Color)	4285984136 (0xFF76ED88)
YUV	189.9050, -26.5752, -63.0607
Hunter-Lab	81.3618, -49.8020, 32.2892

Details

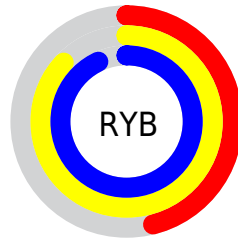
The Hex color **76ED88** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **ED76DB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B1FFBE**, and **38B454** is the 20% darker color. If you saturate the color by 10%, you get **5EED74**, and if you desaturate by 10%, it is **8EED9C**.

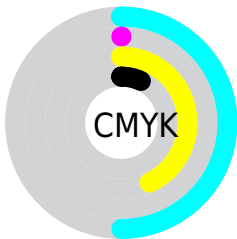
Distribution



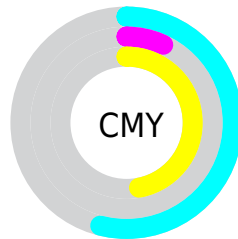
- Red (46%)
- Green (93%)
- Blue (53%)



- Red (46%)
- Yellow (87%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (43%)
- Black (7%)



- Cyan (54%)
- Magenta (7%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76ED88 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 76ED88 by changing the saturation by 10% instead.

 76ED88

FFFFFF

 B1FFBE


 CEFFDB

 ECFFF7

 76ED88

 58D06E

 38B454

 04993B

 007E22

 006406

 004B00

 003300

 001A00

 000000

 76ED88

 76ED88

 5EED74

 8EED9C

 47ED60

 A5EDB0

 2FED4C

 BDEDC4

 17ED38

 D5EDD8

 00ED24

 ECEDED

 FFEDFF

Harmonies

Analogous

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



C5E05B



76ED88



00F3C6

Triad

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



76ED88



00DFFF



FFA1A4

Complementary

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



76ED88



ED76DB

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.



FF9EE3



76ED88



C4C9FF

Square

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



76ED88



00EDFF



FFAFFF



FFB56F

Rectangle

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



76ED88



00F4F2



FFAFFF



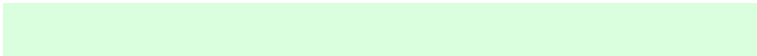
FF9EB8

Sweetspot

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



76ED88



D9FFDF



DBED76



69806C



000000



808080

Same Dimension

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



76ED88



66FF7D



76EDC3



6A756B



00B51B



003608

Inverse Universe

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



ED76DB



FF66E8



ED76A0



756A74



B5009A



36002D

Previews

White Background



This preview shows how the Hex color 76ED88 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 76ED88 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

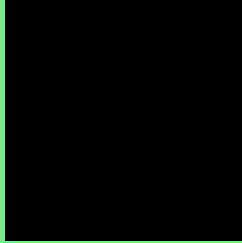
Any Text WCAG AA ✓ Pass

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 76ED88 Background



This preview shows how black text looks on a background with the Hex color 76ED88.

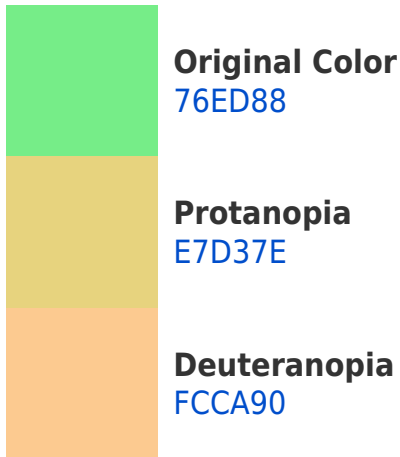


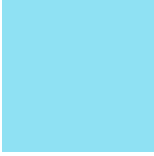
This preview shows how white text looks on a background with the Hex color 76ED88.

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



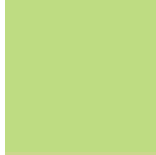


Tritanopia
8FE1F3

Trichromacy



Original Color
76ED88



Protanomaly
BEDC82



Deuteranomaly
CBD78D



Tritanomaly
86E5CC

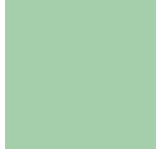
Monochromacy



Original Color
76ED88



Achromatopsia
BEBEBE



Achromatomaly
A4CFAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 76ED88 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 #76ED88 looks like.

```
.text, #text, p{  
    color:#76ED88  
}
```

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 #76ED88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76ED88
}
```

Border

The CSS property to change the border of an element to Hex 76ED88 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
#76ED88 }
```

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

```
.border{ border-color:#76ED88 }
```

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

Here you see how a box with a 4 pixel #76ED88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76ED88; -webkit-box-shadow:4px 4px  
4px 4px #76ED88; box-shadow:4px 4px 4px  
4px #76ED88 }
```

Background

The CSS property to change the background color of an element to Hex 76ED88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76ED88 }
```

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

```
.background{ background-color:#76ED88 }
```

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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