

Converting Colors

Hex(76EDA8)

Have a look what the booklet for
Hex(76EDA8) contains.

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Color

Hex(76EDA8)

Conversions

Conversions Part 1

Format	Color
Hex	76EDA8
RGB	118, 237, 168
RGB Percent	46%, 93%, 66%
CMY	0.5373, 0.0706, 0.3412
CMYK	0.50, 0.00, 0.29, 0.07
HSL	145°, 77%, 70%
HSV	145°, 50%, 93%
XYZ	44.8233, 67.2471, 47.6633
YIQ	193.5530, -48.7750, -46.6870

Conversions

Conversions Part 2

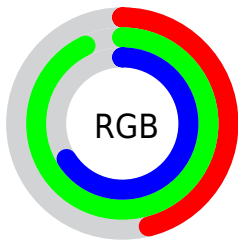
Format	Color
RYB	118, 202, 237
Decimal	7794088
CIELab	85.63, -48.87, 23.36
CIELCh	86, 54.165, 154.447
Yxy	67.2471, 0.2806, 0.4210
Android (android.graphics.Color)	4285984168 (0xFF76EDA8)
YUV	193.5530, -12.5976, -66.2600
Hunter-Lab	82.0043, -45.9401, 22.9419

Details

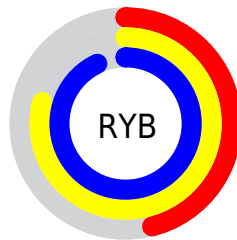
The Hex color **76EDA8** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **ED76BB**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **B0FFDF**, and **38B474** is the 20% darker color. If you saturate the color by 10%, you get **5EED9A**, and if you desaturate by 10%, it is **8EEDB6**.

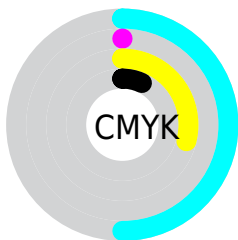
Distribution



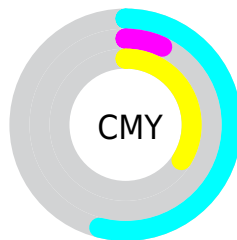
- Red (46%)
- Green (93%)
- Blue (66%)



- Red (46%)
- Yellow (79%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (54%)
- Magenta (7%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76EDA8 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 76EDA8 by changing the saturation by 10% instead.

 76EDA8

FFFFFF

 B0FFDF

 CEFFFC

 ECFFFF

 76EDA8

 58D08D

 38B474

 08995B

 007E43

 00642C

 004B16

 003400

 001C00

 000000

 76EDA8

 76EDA8

 5EED9A

 8EEDB6

 47ED8D

 A5EDC3

 2FED7F

 BDEDD1

 17ED71

 D5EDDF

 00ED64

 ECEDED

 FFEDFA

 FFEDFF

Harmonies

Analogous

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



B8E47F



76EDA8



00F1DC

Triad

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



76EDA8



90D9FF



FFB39F

Complementary

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



76EDA8



ED76BB

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.



FFACD0



76EDA8



E5C6FF

Square

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



76EDA8



00E7FF



FFB4FF



FFC47A

Rectangle

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



76EDA8



00F0FF



FFB4FF



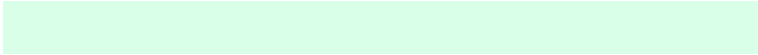
FFAFAE

Sweetspot

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



76EDA8



D9FFE9



BBED76



698072



000000



808080

Same Dimension

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



76EDA8



66FFA6



76EDE3



6A756E



00B54C



003617

Inverse Universe

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



ED76BB



FF66BF



ED7680



756A70



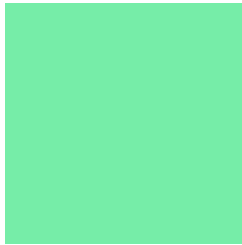
B50069



36001F

Previews

White Background



This preview shows how the Hex color 76EDA8 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 76EDA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

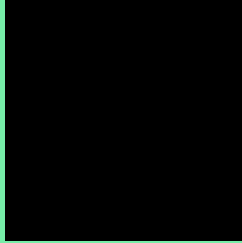
Any Text WCAG AA ✓ Pass

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 76EDA8 Background



This preview shows how black text looks on a background with the Hex color 76EDA8.

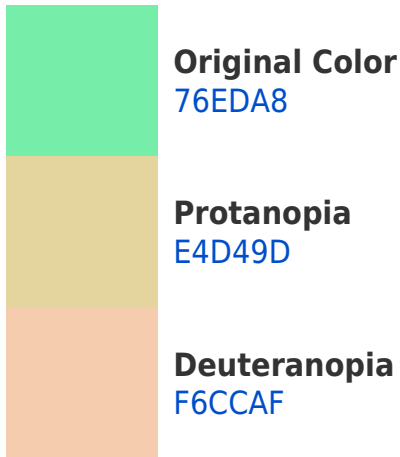


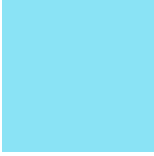
This preview shows how white text looks on a background with the Hex color 76EDA8.

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



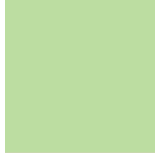


Tritanopia
8AE3F5

Trichromacy



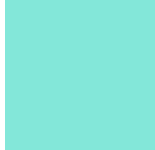
Original Color
76EDA8



Protanomaly
BCDDA1



Deuteranomaly
C7D8AC

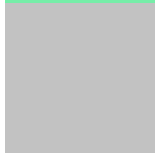


Tritanomaly
83E7D9

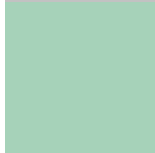
Monochromacy



Original Color
76EDA8



Achromatopsia
C2C2C2



Achromatomaly
A6D2B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 76EDA8 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 #76EDA8 looks like.

```
.text, #text, p{  
    color:#76EDA8  
}
```

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 #76EDA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76EDA8  
}
```

Border

The CSS property to change the border of an element to Hex 76EDA8 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  
#76EDA8 }
```

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

```
.border{ border-color:#76EDA8 }
```

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

Here you see how a box with a 4 pixel #76EDA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76EDA8; -webkit-box-shadow:4px 4px  
4px 4px #76EDA8; box-shadow:4px 4px 4px  
4px #76EDA8 }
```

Background

The CSS property to change the background color of an element to Hex 76EDA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76EDA8 }
```

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

```
.background{ background-color:#76EDA8 }
```

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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