

Converting Colors

Hex(76E890)

Have a look what the booklet for
Hex(76E890) contains.

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Color

Hex(76E890)

Conversions

Conversions Part 1

Format	Color
Hex	76E890
RGB	118, 232, 144
RGB Percent	46%, 91%, 56%
CMY	0.5373, 0.0902, 0.4353
CMYK	0.49, 0.00, 0.38, 0.09
HSL	134°, 71%, 69%
HSV	134°, 49%, 91%
XYZ	41.3619, 63.5784, 36.4774
YIQ	187.8820, -39.6960, -51.5360

Conversions

Conversions Part 2

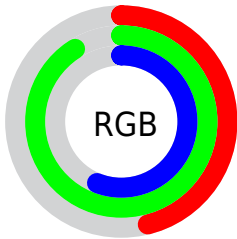
Format	Color
RYB	118, 211, 232
Decimal	7792784
CIELab	83.75, -51.04, 33.07
CIElCh	84, 60.817, 147.059
Yxy	63.5784, 0.2925, 0.4496
Android (android.graphics.Color)	4285982864 (0xFF76E890)
YUV	187.8820, -21.6338, -61.2865
Hunter-Lab	79.7361, -46.9439, 28.6914

Details

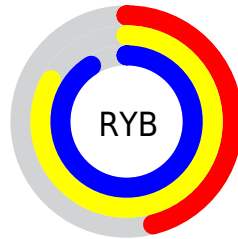
The Hex color **76E890** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E876CE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B0FFC7**, and **39AF5C** is the 20% darker color. If you saturate the color by 10%, you get **5FE87E**, and if you desaturate by 10%, it is **8DE8A2**.

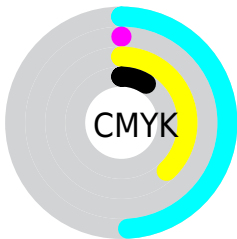
Distribution



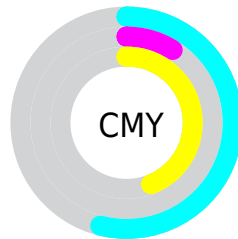
- Red (46%)
- Green (91%)
- Blue (56%)



- Red (46%)
- Yellow (83%)
- Blue (91%)



- Cyan (49%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)



- Cyan (54%)
- Magenta (9%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76E890 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 76E890 by changing the saturation by 10% instead.

 76E890

 76E890

FFFFFF

 59CB76

 B0FFC7

 39AF5C

 CDFFE3

 0D9444

 EBFFFF

 007A2C

 006014

 004700

 003000

 001600

 000000

 76E890

 76E890

 5FE87E

 8DE8A2

 48E86C

 A4E8B4

 30E85A

 BCE8C6

 19E848

 D3E8D8

 02E836

 EAE8EA

 00E835

 FFE8FB

 FFE8FF

Harmonies

Analogous

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



BEDD66



76E890



00EDC9

Triad

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



76E890



52D9FF



FFA5A0

Complementary

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



76E890



E876CE

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.



FFA0D9



76E890



CBC4FF

Square

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



76E890



00E6FF



FFAEFF



FFB772

Rectangle

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



76E890



00EEF1



FFAEFF



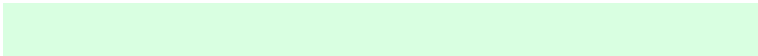
FFA1B2

Sweetspot

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



76E890



D9FFE1



CFE876



69806E



000000



808080

Same Dimension

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



76E890



69FF8B



76E8C8



67736A



00B329



00330C

Inverse Universe

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



E876CE



FF69DD



E87696



736770



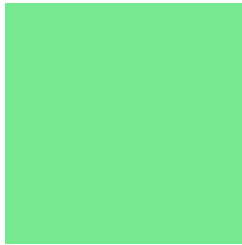
B3008A



330027

Previews

White Background



This preview shows how the Hex color 76E890 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 76E890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

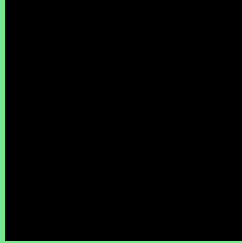
Any Text WCAG AA ✓ Pass

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 76E890 Background



This preview shows how black text looks on a background with the Hex color 76E890.

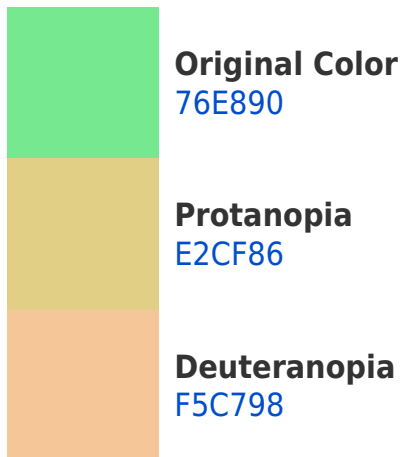


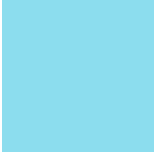
This preview shows how white text looks on a background with the Hex color 76E890.

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



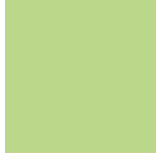


Tritanopia
8CDDEE

Trichromacy



Original Color
76E890



Protanomaly
BBD88A



Deuteranomaly
C7D395

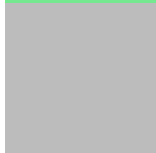


Tritanomaly
84E1CC

Monochromacy



Original Color
76E890



Achromatopsia
BCBCBC



Achromatomaly
A3CCAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 76E890 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 #76E890 looks like.

```
.text, #text, p{  
    color:#76E890  
}
```

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 #76E890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E890
}
```

Border

The CSS property to change the border of an element to Hex 76E890 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
#76E890 }
```

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

```
.border{ border-color:#76E890 }
```

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

Here you see how a box with a 4 pixel #76E890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E890; -webkit-box-shadow:4px 4px  
4px 4px #76E890; box-shadow:4px 4px 4px  
4px #76E890 }
```

Background

The CSS property to change the background color of an element to Hex 76E890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E890 }
```

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

```
.background{ background-color:#76E890 }
```

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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