

Converting Colors

Hex(76E184)

Have a look what the booklet for
Hex(76E184) contains.

Hex(76E184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76E184)

Conversions

Conversions Part 1

Format	Color
Hex	76E184
RGB	118, 225, 132
RGB Percent	46%, 88%, 52%
CMY	0.5373, 0.1176, 0.4824
CMYK	0.48, 0.00, 0.41, 0.12
HSL	128°, 64%, 67%
HSV	128°, 48%, 88%
XYZ	38.5613, 59.3679, 31.2566
YIQ	182.4050, -33.9190, -51.6070

Conversions

Conversions Part 2

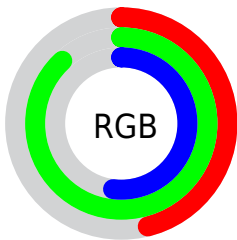
Format	Color
RYB	118, 213, 225
Decimal	7790980
CIELab	81.49, -50.08, 36.16
CIElCh	81, 61.772, 144.172
Yxy	59.3679, 0.2985, 0.4596
Android (android.graphics.Color)	4285981060 (0xFF76E184)
YUV	182.4050, -24.8497, -56.4832
Hunter-Lab	77.0506, -45.5051, 29.8837

Details

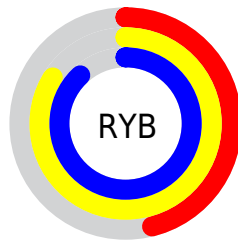
The Hex color **76E184** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E176D3**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B0FFBA**, and **3AA951** is the 20% darker color. If you saturate the color by 10%, you get **60E170**, and if you desaturate by 10%, it is **8DE198**.

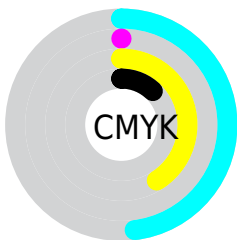
Distribution



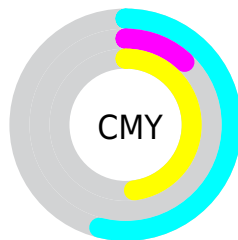
- Red (46%)
- Green (88%)
- Blue (52%)



- Red (46%)
- Yellow (84%)
- Blue (88%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)
- Black (12%)



- Cyan (54%)
- Magenta (12%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76E184 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 76E184 by changing the saturation by 10% instead.

 76E184

 76E184

FFFFFF

 59C56A

 B0FFBA

 3AA951

 CDFFD6

 138E38

 EAFF3

 007320

 005A04

 004100

 002C00

 000A00

 000000

 76E184

 76E184

 60E170

 8DE198

 49E15D

 A3E1AB

 33E149

 BAE1BF

 1CE136

 D0E1D2

 06E122

 E7E1E6

 00E11D

 FDE1F9

 FFE1FF

Harmonies

Analogous

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



BDD55B



76E184



00E7BD

Triad

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



76E184



20D4FF



FF9C9E

Complementary

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



76E184



E176D3

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.



FF99D8



76E184



BBC0FF

Square

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



76E184



00E1FF



FFA9FF



FFAE6E

Rectangle

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



76E184



00E8E5



FFA9FF



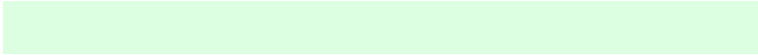
FF99B1

Sweetspot

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



76E184



DBFFE0



D5E176



6A806D



000000



808080

Same Dimension

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



76E184



6EFF81



76E1B8



657066



00B017



003006

Inverse Universe

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



E176D3



FF6EEC



E1769F



70656F



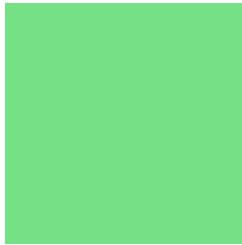
B00099



30002A

Previews

White Background



This preview shows how the Hex color 76E184 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 76E184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

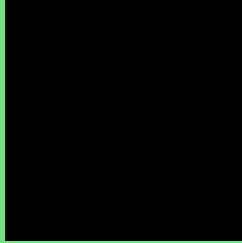
Any Text WCAG AA ✓ Pass

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 76E184 Background



This preview shows how black text looks on a background with the Hex color 76E184.

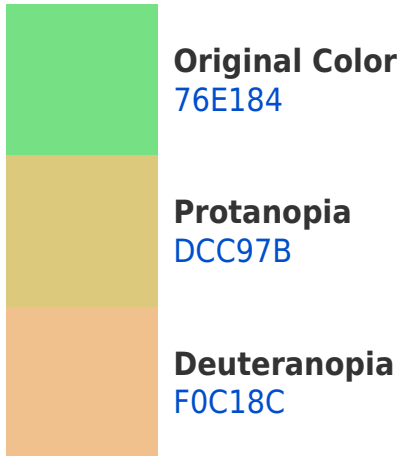


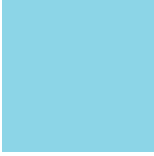
This preview shows how white text looks on a background with the Hex color 76E184.

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
8CD5E7

Trichromacy



Original Color
76E184



Protanomaly
B7D27E



Deuteranomaly
C4CD89



Tritanomaly
84D9C3

Monochromacy



Original Color
76E184



Achromatopsia
B6B6B6



Achromatomaly
9FC6A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 76E184 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 #76E184 looks like.

```
.text, #text, p{  
    color:#76E184  
}
```

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 #76E184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E184
}
```

Border

The CSS property to change the border of an element to Hex 76E184 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
#76E184 }
```

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

```
.border{ border-color:#76E184 }
```

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

Here you see how a box with a 4 pixel #76E184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E184; -webkit-box-shadow:4px 4px  
4px 4px #76E184; box-shadow:4px 4px 4px  
4px #76E184 }
```

Background

The CSS property to change the background color of an element to Hex 76E184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E184 }
```

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

```
.background{ background-color:#76E184 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor