

Converting Colors

Hex(76BE92)

Have a look what the booklet for
Hex(76BE92) contains.

Hex(76BE92)	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(76BE92)

Conversions

Conversions Part 1

Format	Color
Hex	76BE92
RGB	118, 190, 146
RGB Percent	46%, 75%, 57%
CMY	0.5373, 0.2549, 0.4275
CMYK	0.38, 0.00, 0.23, 0.25
HSL	143°, 36%, 60%
HSV	143°, 38%, 75%
XYZ	31.0730, 42.7538, 33.8087
YIQ	163.4560, -28.7880, -28.9480

Conversions

Conversions Part 2

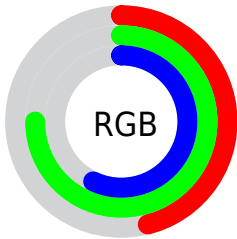
Format	Color
RYB	118, 170, 190
Decimal	7782034
CIELab	71.39, -32.23, 15.24
CIElCh	71, 35.647, 154.695
Yxy	42.7538, 0.2887, 0.3972
Android (android.graphics.Color)	4285972114 (0xFF76BE92)
YUV	163.4560, -8.6058, -39.8649
Hunter-Lab	65.3864, -29.5992, 15.1139

Details

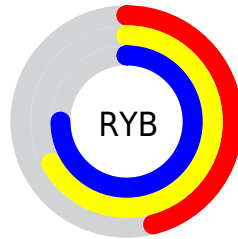
The Hex color **76BE92** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BE76A2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **ADF7C8**, and **41885F** is the 20% darker color. If you saturate the color by 10%, you get **63BE86**, and if you desaturate by 10%, it is **89BE9E**.

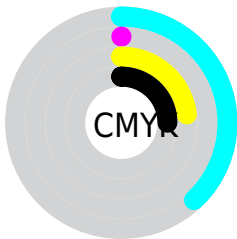
Distribution



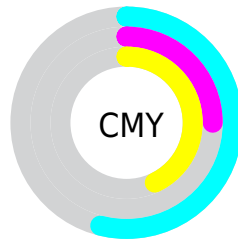
- Red (46%)
- Green (75%)
- Blue (57%)



- Red (46%)
- Yellow (67%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76BE92 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 76BE92 by changing the saturation by 10% instead.



76BE92



76BE92

FFFFFF



5BA378



ADF7C8



41885F



C9FFE4



266E47



E5FFFF



025631



003E1B



002803



000900



000000



76BE92



76BE92

 63BE86

 89BE9E

 50BE7B

 9CBEA9

 3DBE6F

 AFBEB5

 2ABE64

 C2BEC0

 17BE58

 D5BECC

 04BE4C

 E8BED8

 00BE4A

 FBBEE3

 FFBEEF

 FFBEFA

Harmonies

Analogous

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



9DB878



76BE92



4EC0B3

Triad

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



76BE92



8AB0EF



EC9A8B

Complementary

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



76BE92



BE76A2

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.



ED96AB



76BE92



BAA5E4

Square

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



76BE92



55BAE9



DC9ACB



DCA375

Rectangle

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



76BE92



39C0C9



DC9ACB



EF9895

Sweetspot

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



76BE92



DCF7E7



A2BE76



6D7D73



FCFCFC



7D7D7D

Same Dimension

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



76BE92



88F7B3



76BEB6



555E59



009E3D



001F0C

Inverse Universe

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



BE76A2



F788CC



BE767E



5E555B



9E0061



1F0013

Previews

White Background



This preview shows how the Hex color 76BE92 looks on a white background.

Color Contrast Check

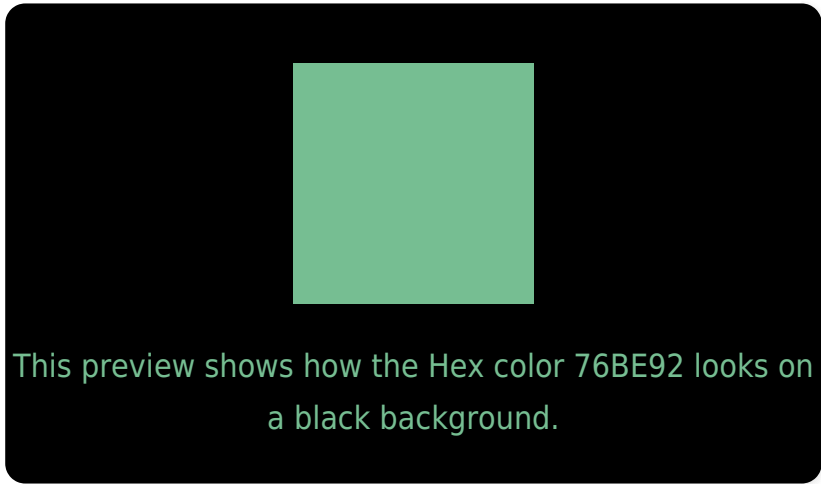
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

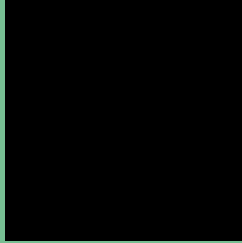
Any Text WCAG AA ✓ Pass

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 76BE92 Background



This preview shows how black text looks on a background with the Hex color 76BE92.

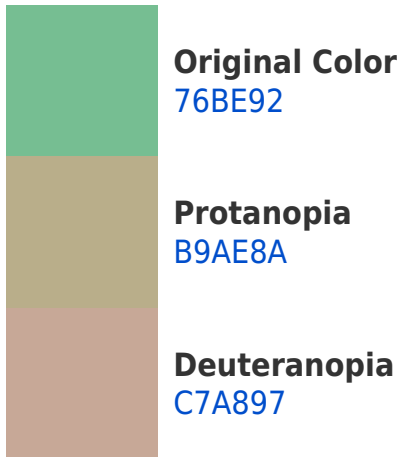


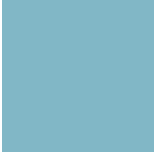
This preview shows how white text looks on a background with the Hex color 76BE92.

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](#).

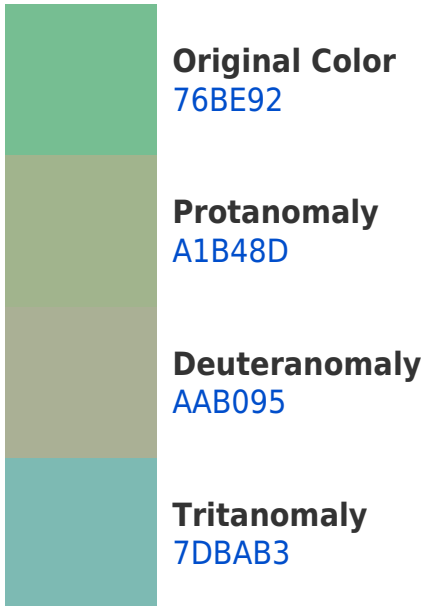
Dichromacy



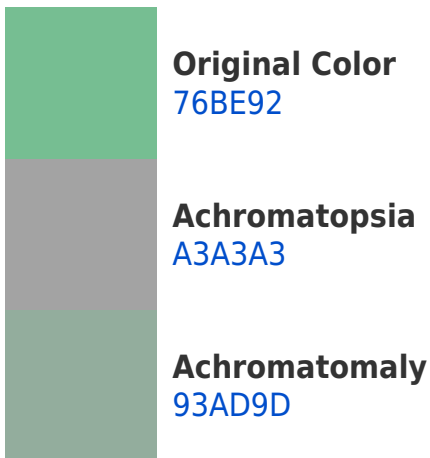


Tritanopia
81B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76BE92 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 #76BE92 looks like.

```
.text, #text, p{  
    color:#76BE92  
}
```

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 #76BE92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BE92
}
```

Border

The CSS property to change the border of an element to Hex 76BE92 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
#76BE92 }
```

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

```
.border{ border-color:#76BE92 }
```

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

Here you see how a box with a 4 pixel #76BE92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BE92; -webkit-box-shadow:4px 4px  
4px 4px #76BE92; box-shadow:4px 4px 4px  
4px #76BE92 }
```

Background

The CSS property to change the background color of an element to Hex 76BE92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BE92 }
```

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

```
.background{ background-color:#76BE92 }
```

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