

Converting Colors

Hex(76DE99)

Have a look what the booklet for
Hex(76DE99) contains.

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Color

Hex(76DE99)

Conversions

Conversions Part 1

Format	Color
Hex	76DE99
RGB	118, 222, 153
RGB Percent	46%, 87%, 60%
CMY	0.5373, 0.1294, 0.4000
CMYK	0.47, 0.00, 0.31, 0.13
HSL	140°, 61%, 67%
HSV	140°, 47%, 87%
XYZ	39.3423, 58.3940, 39.3346
YIQ	183.0380, -39.8350, -43.5070

Conversions

Conversions Part 2

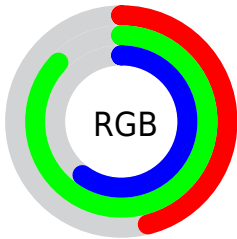
Format	Color
RYB	118, 196, 222
Decimal	7790233
CIELab	80.96, -45.29, 24.73
CIELCh	81, 51.601, 151.367
Yxy	58.3940, 0.2870, 0.4260
Android (android.graphics.Color)	4285980313 (0xFF76DE99)
YUV	183.0380, -14.8087, -57.0383
Hunter-Lab	76.4160, -41.8284, 22.9721

Details

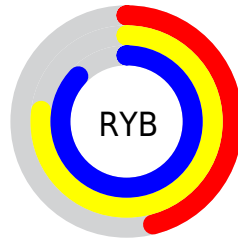
The Hex color **76DE99** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DE76BB**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **AFFFD0**, and **3CA665** is the 20% darker color. If you saturate the color by 10%, you get **60DE8A**, and if you desaturate by 10%, it is **8CDEA8**.

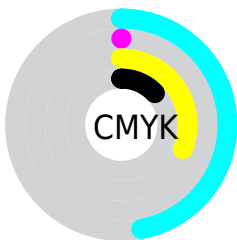
Distribution



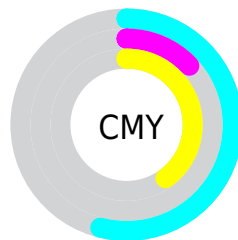
- Red (46%)
- Green (87%)
- Blue (60%)



- Red (46%)
- Yellow (77%)
- Blue (87%)



- Cyan (47%)
- Magenta (0%)
- Yellow (31%)
- Black (13%)



- Cyan (54%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76DE99 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 76DE99 by changing the saturation by 10% instead.

 76DE99

 76DE99

FFFFFF

 59C27F

 AFFFD0

 3CA665

 CCFECC

 178B4D

 E9FFFF

 007136

 00581F

 003F08

 002A00

 000700

 000000

 76DE99

 76DE99

 60DE8A

 8CDEA8

 4ADE7C

 A2DEB6

 33DE6D

 B9DEC5

 1DDE5E

 CFDED4

 07DE4F

 E5DEE3

 00DE4B

 FBDEF1

 FFDEFF

Harmonies

Analogous

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



B3D574



76DE99



00E2CA

Triad

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



76DE99



7DCDFE



FFA799

Complementary

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



76DE99



DE76BB

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.



FFA1C9



76DE99



D0BCFF

Square

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



76DE99



00DAFF



FFAAF8



FFB675

Rectangle

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



76DE99



00E2EB



FFAAF8



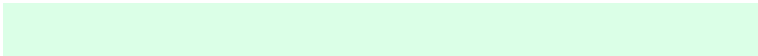
FFA3A8

Sweetspot

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



76DE99



DBFFE7



BBDE76



6A8071



000000



808080

Same Dimension

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



76DE99



70FFA0



76DECD



657069



00B03B



003010

Inverse Universe

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



DE76BB



FF70CF



DE7687



70656C



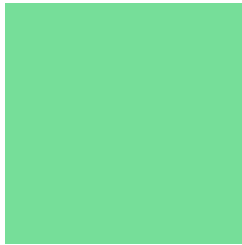
B00075



300020

Previews

White Background



This preview shows how the Hex color 76DE99 looks on a white background.

Color Contrast Check

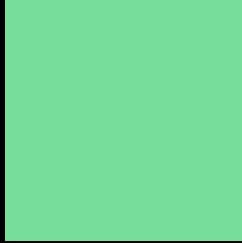
Large Text (above 18pt) WCAG AA × Fail

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 76DE99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

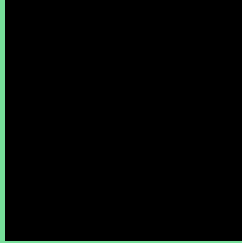
Any Text WCAG AA ✓ Pass

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 76DE99 Background



This preview shows how black text looks on a background with the Hex color 76DE99.

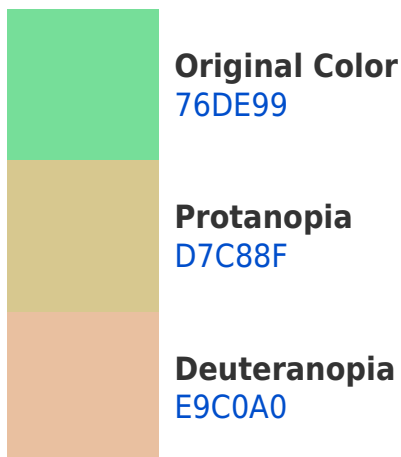


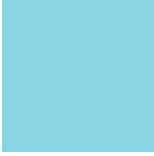
This preview shows how white text looks on a background with the Hex color 76DE99.

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](#).

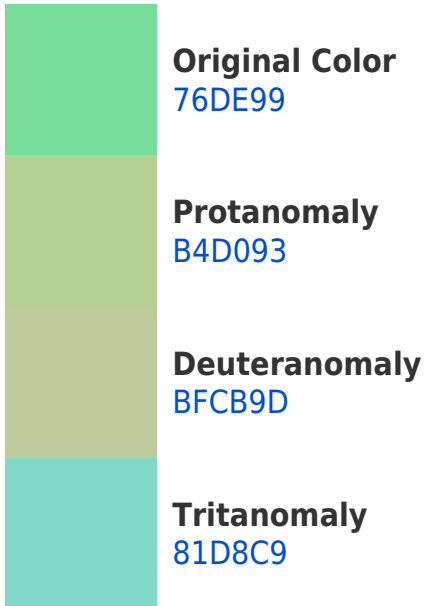
Dichromacy



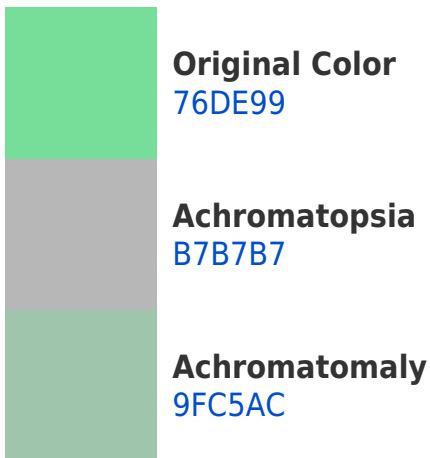


Tritanopia
88D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76DE99 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 #76DE99 looks like.

```
.text, #text, p{  
    color:#76DE99  
}
```

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 #76DE99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76DE99
}
```

Border

The CSS property to change the border of an element to Hex 76DE99 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
#76DE99 }
```

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

```
.border{ border-color:#76DE99 }
```

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

Here you see how a box with a 4 pixel #76DE99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76DE99; -webkit-box-shadow:4px 4px  
4px 4px #76DE99; box-shadow:4px 4px 4px  
4px #76DE99 }
```

Background

The CSS property to change the background color of an element to Hex 76DE99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76DE99 }
```

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

```
.background{ background-color:#76DE99 }
```

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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