

Converting Colors

Hex(74DF88)

Have a look what the booklet for
Hex(74DF88) contains.

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Color

Hex(74DF88)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 74DF88 |
| RGB | 116, 223, 136 |
| RGB Percent | 45%, 87%, 53% |
| CMY | 0.5451, 0.1255, 0.4667 |
| CMYK | 0.48, 0.00, 0.39, 0.13 |
| HSL | 131°, 63%, 66% |
| HSV | 131°, 48%, 87% |
| XYZ | 38.0341, 58.2659, 32.5344 |
| YIQ | 181.0890, -35.8450, -49.7410 |

Conversions

Conversions Part 2

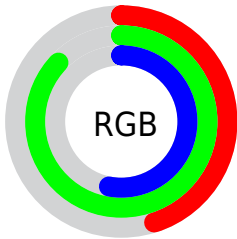
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 116, 206, 223 |
| Decimal | 7659400 |
| CIELab | 80.89, -49.16, 33.34 |
| CIElCh | 81, 59.399, 145.858 |
| Yxy | 58.2659, 0.2952, 0.4523 |
| Android (android.graphics.Color) | 4285849480 (0xFF74DF88) |
| YUV | 181.0890, -22.2289, -57.0831 |
| Hunter-Lab | 76.3321, -44.6399, 28.1618 |

Details

The Hex color **74DF88** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DF74CB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **ADFFBE**, and **38A755** is the 20% darker color. If you saturate the color by 10%, you get **5EDF76**, and if you desaturate by 10%, it is **8ADF9A**.

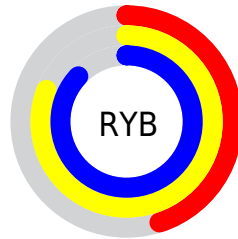
Distribution



Red (45%)

Green (87%)

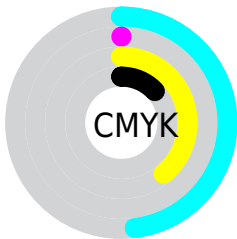
Blue (53%)



Red (45%)

Yellow (81%)

Blue (87%)

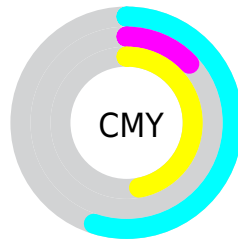


Cyan (48%)

Magenta (0%)

Yellow (39%)

Black (13%)



Cyan (55%)

Magenta (13%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74DF88 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 74DF88 by changing the saturation by 10% instead.

 74DF88

FFFFFF

 ADFFB E

 CBFFDA

 E8FFF7

 74DF88

 57C36E

 38A755

 0F8C3D

 007225

 00580B

 004000

 002A00

 000600

 000000

 74DF88

 74DF88

 5EDF76

 8ADF9A

 47DF64

 A1DFAC

 31DF52

 B7DFBE

 1BDF3F

 CDDFD1

 04DF2D

 E3DFE3

 00DF2A

 FADFF5

 FFDFFF

Harmonies

Analogous

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



B9D460



74DF88



00E4BF

Triad

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



74DF88



44D1FF



FF9D9B

Complementary

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



74DF88



DF74CB

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.



FF9AD3



74DF88



C0BDFE

Square

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



74DF88



00DEFF



FFA8FF



FFAF6E

Rectangle

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



74DF88



00E5E5



FFA8FF



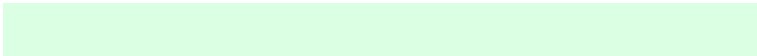
FF9AAD

Sweetspot

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



74DF88



DBFFE2



CBDF74



6A806E



000000



808080

Same Dimension

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



74DF88



6BFF87



74DFBD



657067



00B021



003009

Inverse Universe

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



DF74CB



FF6BE3



DF7496



70656E



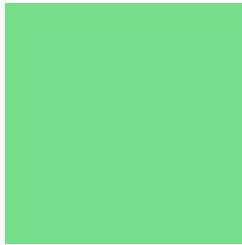
B0008F



300027

Previews

White Background



This preview shows how the Hex color 74DF88 looks on a white background.

Color Contrast Check

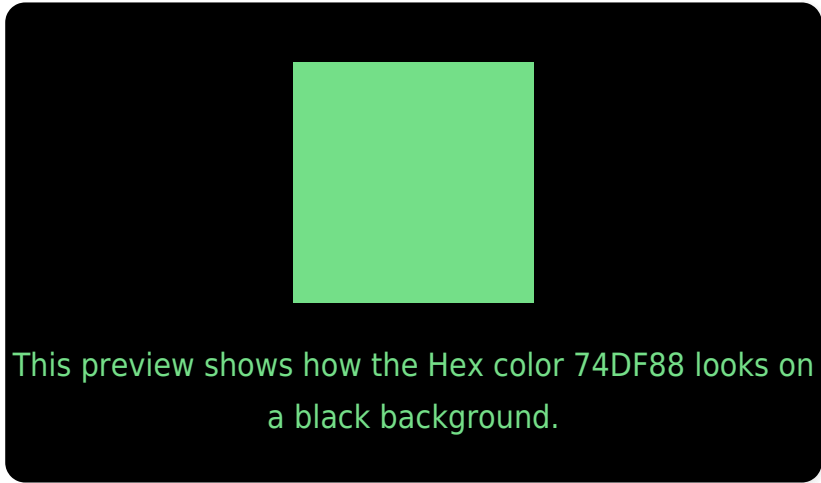
Large Text (above 18pt) WCAG AA × Fail

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

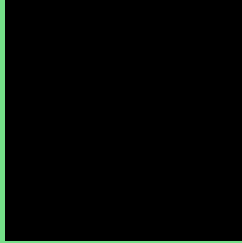
Any Text WCAG AA ✓ Pass

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 74DF88 Background



This preview shows how black text looks on a background with the Hex color 74DF88.

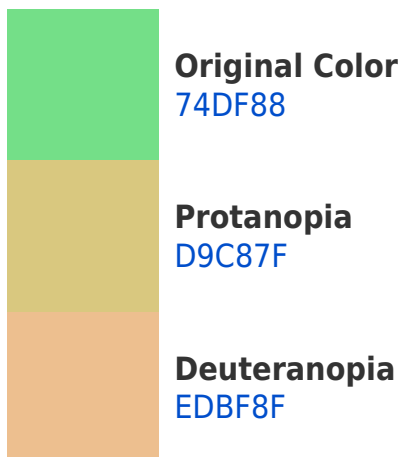


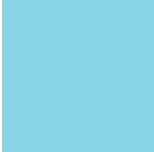
This preview shows how white text looks on a background with the Hex color 74DF88.

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](#).

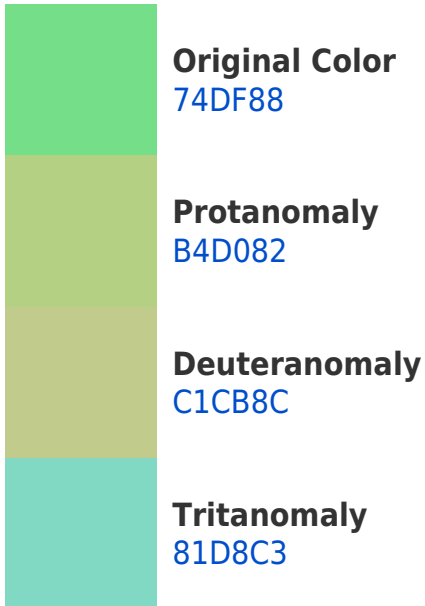
Dichromacy



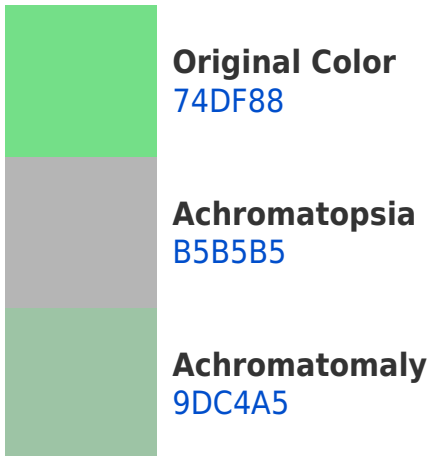


Tritanopia
89D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74DF88 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 #74DF88 looks like.

```
.text, #text, p{  
    color:#74DF88  
}
```

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 #74DF88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74DF88
}
```

Border

The CSS property to change the border of an element to Hex 74DF88 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
#74DF88 }
```

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

```
.border{ border-color:#74DF88 }
```

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

Here you see how a box with a 4 pixel #74DF88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74DF88; -webkit-box-shadow:4px 4px  
4px 4px #74DF88; box-shadow:4px 4px 4px  
4px #74DF88 }
```

Background

The CSS property to change the background color of an element to Hex 74DF88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74DF88 }
```

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

```
.background{ background-color:#74DF88 }
```

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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