

# Converting Colors

Hex(74CC86)

Have a look what the booklet for  
Hex(74CC86) contains.

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# **Color**

**Hex(74CC86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74CC86
RGB	116, 204, 134
RGB Percent	45%, 80%, 53%
CMY	0.5451, 0.2000, 0.4745
CMYK	0.43, 0.00, 0.34, 0.20
HSL	132°, 46%, 63%
HSV	132°, 43%, 80%
XYZ	33.0984, 48.6200, 30.1944
YIQ	169.7080, -29.9780, -40.4260

# Conversions

## Conversions Part 2

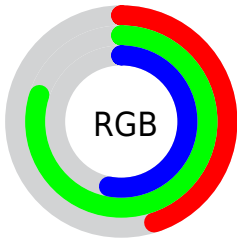
Format	Color
<a href="#">RYB</a>	<a href="#">116, 189, 204</a>
Decimal	<a href="#">7654534</a>
CIELab	<a href="#">75.21, -41.39, 26.84</a>
CIELCh	<a href="#">75, 49.336, 147.037</a>
Yxy	<a href="#">48.6200, 0.2958, 0.4344</a>
Android (android.graphics.Color)	<a href="#">4285844614</a> ( <a href="#">0xFF74CC86</a> )
YUV	<a href="#">169.7080, -17.6040, -47.1019</a>
Hunter-Lab	<a href="#">69.7280, -37.2939, 23.1352</a>

# Details

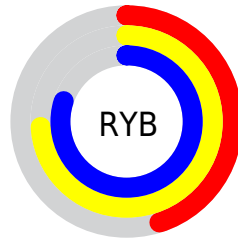
The Hex color **74CC86** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CC74BA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **ACFFBC**, and **3C9554** is the 20% darker color. If you saturate the color by 10%, you get **60CC76**, and if you desaturate by 10%, it is **88CC96**.

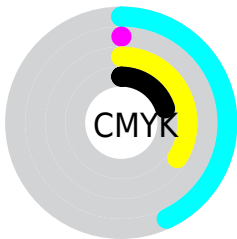
# Distribution



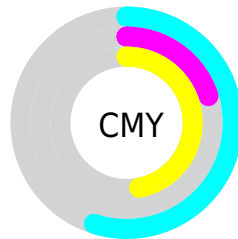
- Red (45%)
- Green (80%)
- Blue (53%)



- Red (45%)
- Yellow (74%)
- Blue (80%)



- Cyan (43%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)



- Cyan (55%)
- Magenta (20%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74CC86 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 74CC86 by changing the saturation by 10% instead.



 74CC86

 74CC86

FFFFFF

 58B06C

 ACFFBC

 3C9554

 C8FFD8

 1D7B3C

 E5FFF4

 006125

 00490E

 003100

 001B00

 000000

 74CC86

 74CC86

 60CC76

 88CC96

 4BCC66

 9DCCA6

 37CC55

 B1CCB7

 22CC45

 C6CCC7

 0ECC35

 DACCD7

 00CC2A

 EECCE7

 FFCCF8

 FFCCFF

# Harmonies

## Analogous

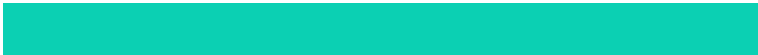
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABC366



74CC86



0BD0B3

# Triad

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



74CC86



62BFFF



FF9792

# Complementary

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



74CC86



CC74BA

# 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.



FF94C0



74CC86



B6AFFF

# Square

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



74CC86



00CBFF



EE9EEB



FCA56E

# Rectangle

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



74CC86



00D1D2



EE9EEB



FF95A1

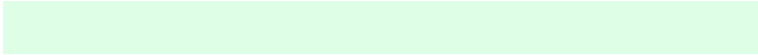


# Sweetspot

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



74CC86



DEFFE5



BACC74



6B806F



000000



808080



# Same Dimension

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



74CC86



7AFF96



74CCB2



5C665E



00A622



002608



# Inverse Universe

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



CC74BA



FF7AE4



CC748E



665C64



A60084



26001E



# Previews

## White Background



This preview shows how the Hex color 74CC86 looks on a white background.

## Color Contrast Check

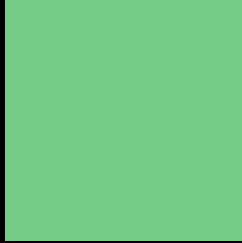
Large Text (above 18pt) WCAG AA × Fail

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 74CC86 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

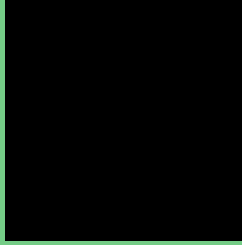
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74CC86 Background



This preview shows how black text looks on a background with the Hex color 74CC86.



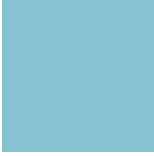
This preview shows how white text looks on a background with the Hex color 74CC86.

# 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**  
85C3D2

# Trichromacy



**Original Color**  
74CC86



**Protanomaly**  
A9BF81



**Deuteranomaly**  
B4BB8A



**Tritanomaly**  
7FC6B6

# Monochromacy



**Original Color**  
74CC86



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
96B69D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74CC86 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 #74CC86 looks like.

```
.text, #text, p{  
    color:#74CC86  
}
```

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 #74CC86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74CC86
}
```

## Border

The CSS property to change the border of an element to Hex 74CC86 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
#74CC86 }
```

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

```
.border{ border-color:#74CC86 }
```

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

Here you see how a box with a 4 pixel #74CC86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74CC86; -webkit-box-shadow:4px 4px  
4px 4px #74CC86; box-shadow:4px 4px 4px  
4px #74CC86 }
```

# Background

The CSS property to change the background color of an element to Hex 74CC86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74CC86 }
```

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

```
.background{ background-color:#74CC86 }
```

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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