

Converting Colors

Hex(85C674)

Have a look what the booklet for
Hex(85C674) contains.

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Color

Hex(85C674)

Conversions

Conversions Part 1

Format	Color
Hex	85C674
RGB	133, 198, 116
RGB Percent	52%, 78%, 45%
CMY	0.4784, 0.2235, 0.5451
CMYK	0.33, 0.00, 0.41, 0.22
HSL	108°, 42%, 62%
HSV	108°, 41%, 78%
XYZ	33.0193, 46.6357, 23.7843
YIQ	169.2170, -12.4180, -39.2820

Conversions

Conversions Part 2

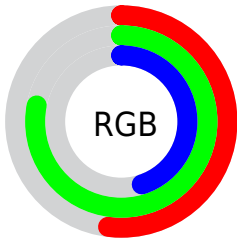
Format	Color
RYB	116, 198, 181
Decimal	8767092
CIELab	73.96, -36.25, 34.65
CIElCh	74, 50.146, 136.297
Yxy	46.6357, 0.3192, 0.4509
Android (android.graphics.Color)	4286957172 (0xFF85C674)
YUV	169.2170, -26.2360, -31.7623
Hunter-Lab	68.2903, -33.2008, 27.1536

Details

The Hex color **85C674** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B574C6**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BCFFA9**, and **509042** is the 20% darker color. If you saturate the color by 10%, you get **75C660**, and if you desaturate by 10%, it is **95C688**.

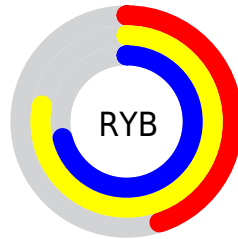
Distribution



Red (52%)

Green (78%)

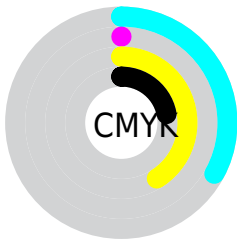
Blue (45%)



Red (45%)

Yellow (78%)

Blue (71%)

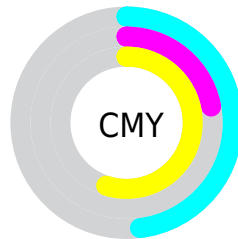


Cyan (33%)

Magenta (0%)

Yellow (41%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85C674 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 85C674 by changing the saturation by 10% instead.



85C674



85C674

FFFFFF



6AAA5B



BCFFA9



509042



D9FFC5



35762A



F6FFE1



195D11

FFFFFFE



004400



002D00



001600



000000



85C674



85C674

 75C660

 95C688

 66C64C

 A4C69C

 56C639

 B4C6AF

 46C625

 C4C6C3

 37C611

 D3C6D7

 29C600

 E3C6EB

 F3C6FF

 FFC6FF

Harmonies

Analogous

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



B9BB5A



85C674



3BCC9E

Triad

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



85C674



23C1FF



FF909E

Complementary

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



85C674



B574C6

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.



FF92CD



85C674



98B2FF

Square

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



85C674



00CAF7



DAA0F6



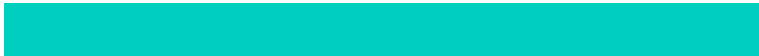
FF9B75

Rectangle

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



85C674



00CEBE



DAA0F6



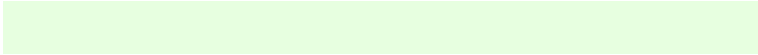
FF8FAE

Sweetspot

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



85C674



E7FFE0



C6B474



71806E



000000



808080

Same Dimension

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



85C674



9AFF80



74C68B



5C635A



22A300



072400

Inverse Universe

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



B574C6



E580FF



C674AF



615A63



8100A3



1C0024

Previews

White Background



This preview shows how the Hex color 85C674 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 85C674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

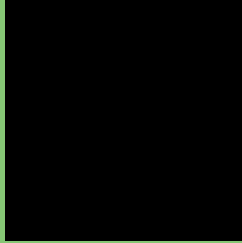
Any Text WCAG AA ✓ Pass

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 85C674 Background



This preview shows how black text looks on a background with the Hex color 85C674.

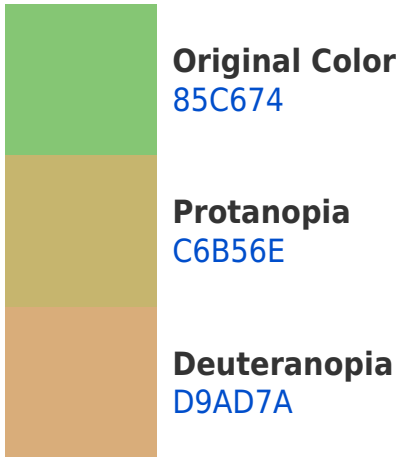


This preview shows how white text looks on a background with the Hex color 85C674.

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
94BCCB

Trichromacy



Original Color
85C674



Protanomaly
AEBB70



Deuteranomaly
BAB678



Tritanomaly
8FC0AB

Monochromacy



Original Color
85C674



Achromatopsia
A9A9A9



Achromatomaly
9CB496

CSS Examples

Text

The CSS property to change the color of the text to Hex 85C674 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 #85C674 looks like.

```
.text, #text, p{  
    color:#85C674  
}
```

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 #85C674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C674
}
```

Border

The CSS property to change the border of an element to Hex 85C674 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
#85C674 }
```

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

```
.border{ border-color:#85C674 }
```

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

Here you see how a box with a 4 pixel #85C674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C674; -webkit-box-shadow:4px 4px  
4px 4px #85C674; box-shadow:4px 4px 4px  
4px #85C674 }
```

Background

The CSS property to change the background color of an element to Hex 85C674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C674 }
```

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

```
.background{ background-color:#85C674 }
```

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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