

Converting Colors

Hex(84C274)

Have a look what the booklet for
Hex(84C274) contains.

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Color

Hex(84C274)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 84C274 |
| RGB | 132, 194, 116 |
| RGB Percent | 52%, 76%, 45% |
| CMY | 0.4824, 0.2392, 0.5451 |
| CMYK | 0.32, 0.00, 0.40, 0.24 |
| HSL | 108°, 39%, 61% |
| HSV | 108°, 40%, 76% |
| XYZ | 31.9599, 44.7501, 23.4762 |
| YIQ | 166.5700, -11.9140, -37.4020 |

Conversions

Conversions Part 2

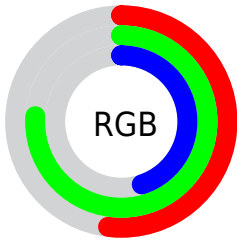
| Format | Color |
|-------------------------------------|--|
| RYB | 116, 194, 178 |
| Decimal | 8700532 |
| CIELab | 72.73, -34.75, 33.05 |
| CIELCh | 73, 47.960, 136.440 |
| Yxy | 44.7501, 0.3190, 0.4467 |
| Android (android.graphics.Color) | 4286890612 (0xFF84C274) |
| YUV | 166.5700, -24.9310, -30.3179 |
| Hunter-Lab | 66.8955, -31.7872, 26.0197 |

Details

The Hex color **84C274** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B274C2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BBFBA9**, and **4F8C42** is the 20% darker color. If you saturate the color by 10%, you get **75C261**, and if you desaturate by 10%, it is **93C287**.

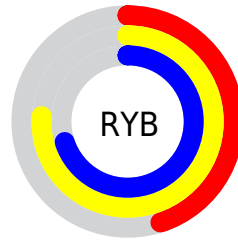
Distribution



Red (52%)

Green (76%)

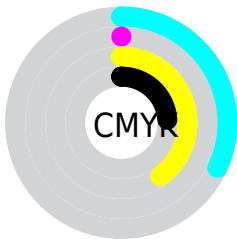
Blue (45%)



Red (45%)

Yellow (76%)

Blue (70%)

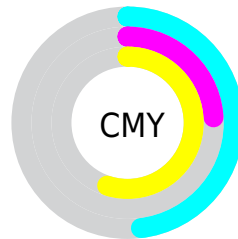


Cyan (32%)

Magenta (0%)

Yellow (40%)

Black (24%)



Cyan (48%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C274 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 84C274 by changing the saturation by 10% instead.



84C274



84C274

FFFFFF



69A75B



BBFBA9



4F8C42



D7FFC4



35722A



F4FFE1



195912

FFFFFFE



004100



002B00



001100



000000



84C274



84C274

 75C261

 93C287

 65C24D

 A3C29B

 56C23A

 B2C2AE

 46C226

 C2C2C2

 37C213

 D1C2D5

 28C200

 E1C2E8

 F0C2FC

 FFC2FF

Harmonies

Analogous

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



B6B85C



84C274



41C89C

Triad

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



84C274



33BDFE



FF8F9C

Complementary

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



84C274



B274C2

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.



FA91C8



84C274



97AFFF

Square

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



84C274



00C6F1



D59EEF



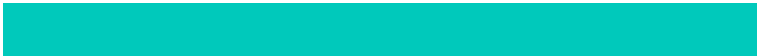
FB9975

Rectangle

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



84C274



00C9BB



D59EEF



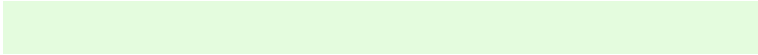
FF8EAB

Sweetspot

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



84C274



E4FCDE



C2B174



71806E



000000



808080

Same Dimension

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



84C274



9CFC83



74C28A



596157



21A100



072100

Inverse Universe

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



B274C2



E483FC



C274AC



5F5761



8000A1



1A0021

Previews

White Background



This preview shows how the Hex color 84C274 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 84C274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

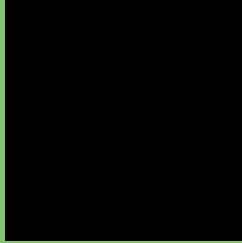
Any Text WCAG AA ✓ Pass

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 84C274 Background



This preview shows how black text looks on a background with the Hex color 84C274.

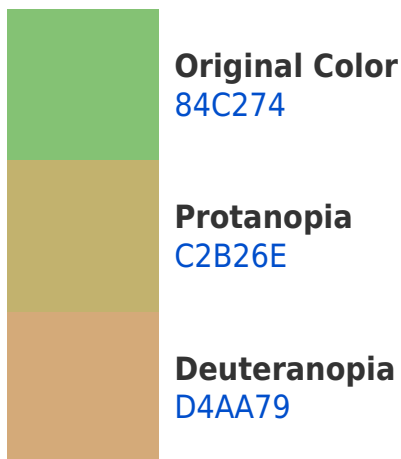


This preview shows how white text looks on a background with the Hex color 84C274.

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](#).

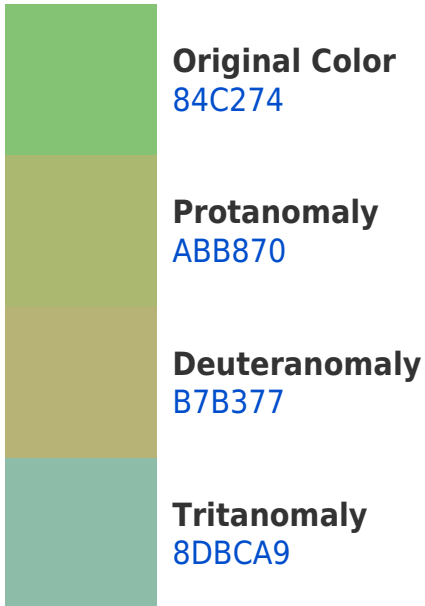
Dichromacy



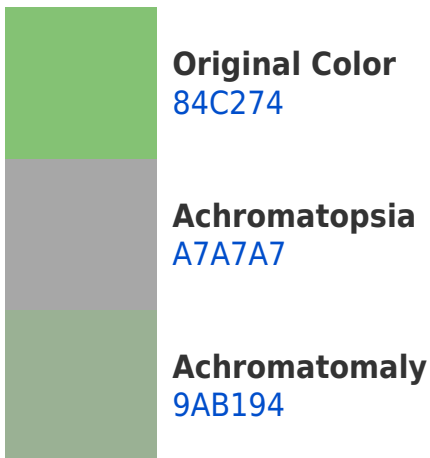


Tritanopia
92B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84C274 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 #84C274 looks like.

```
.text, #text, p{  
    color:#84C274  
}
```

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 #84C274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C274
}
```

Border

The CSS property to change the border of an element to Hex 84C274 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
#84C274 }
```

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

```
.border{ border-color:#84C274 }
```

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

Here you see how a box with a 4 pixel #84C274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C274; -webkit-box-shadow:4px 4px  
4px 4px #84C274; box-shadow:4px 4px 4px  
4px #84C274 }
```

Background

The CSS property to change the background color of an element to Hex 84C274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C274 }
```

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

```
.background{ background-color:#84C274 }
```

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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