

Converting Colors

Hex(85C365)

Have a look what the booklet for
Hex(85C365) contains.

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Color

Hex(85C365)

Conversions

Conversions Part 1

Format	Color
Hex	85C365
RGB	133, 195, 101
RGB Percent	52%, 76%, 40%
CMY	0.4784, 0.2353, 0.6039
CMYK	0.32, 0.00, 0.48, 0.24
HSL	100°, 44%, 58%
HSV	100°, 48%, 76%
XYZ	31.5369, 44.9563, 19.3272
YIQ	165.7460, -6.7780, -42.3780

Conversions

Conversions Part 2

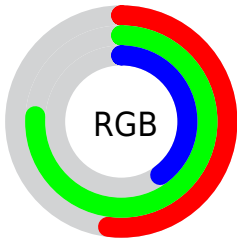
Format	Color
RYB	101, 195, 163
Decimal	8766309
CIELab	72.86, -36.88, 40.81
CIElCh	73, 55.008, 132.103
Yxy	44.9563, 0.3291, 0.4692
Android (android.graphics.Color)	4286956389 (0xFF85C365)
YUV	165.7460, -31.9198, -28.7182
Hunter-Lab	67.0495, -33.3786, 29.8441

Details

The Hex color **85C365** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A365C3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BCFC9A**, and **4F8D33** is the 20% darker color. If you saturate the color by 10%, you get **78C351**, and if you desaturate by 10%, it is **92C379**.

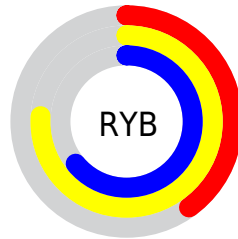
Distribution



Red (52%)

Green (76%)

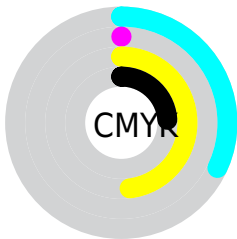
Blue (40%)



Red (40%)

Yellow (76%)

Blue (64%)

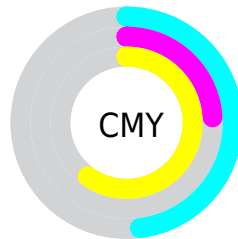


Cyan (32%)

Magenta (0%)

Yellow (48%)

Black (24%)



Cyan (48%)

Magenta (24%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85C365 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 85C365 by changing the saturation by 10% instead.

 85C365

 85C365

FFFFFF

 6AA84C

 BCFC9A

 4F8D33

 D9FFB5

 357319

 F6FFD1


 175A00

 FFFFEE

 004200

 002B00

 001200

 000000

 85C365

 85C365

 78C351

 92C379

 6BC33E

 9FC38C

 5EC32B

 ACC39F

 52C317

 B8C3B3

 45C304

 C5C3C6

 42C300

 D2C3DA

 DFC3EE

 ECC3FF

 F9C3FF

Harmonies

Analogous

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



BCB74C



85C365



2FCA92

Triad

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



85C365



00C1FF



FF88A0

Complementary

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



85C365



A365C3

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.



FF8CD3



85C365



81B1FF

Square

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



85C365



00C9F5



D19DFE



FF9372

Rectangle

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



85C365



00CCB5



D19DFE



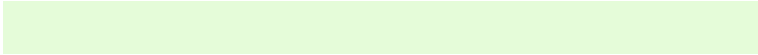
FF87B1

Sweetspot

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



85C365



E5FCD9



C3A265



71806A



000000



808080

Same Dimension

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



85C365



9CFC6A



65C373



5B6157



37A100



0B2100

Inverse Universe

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



A365C3



CB6AFC



C365B5



5E5761



6A00A1



160021

Previews

White Background



This preview shows how the Hex color 85C365 looks on a white background.

Color Contrast Check

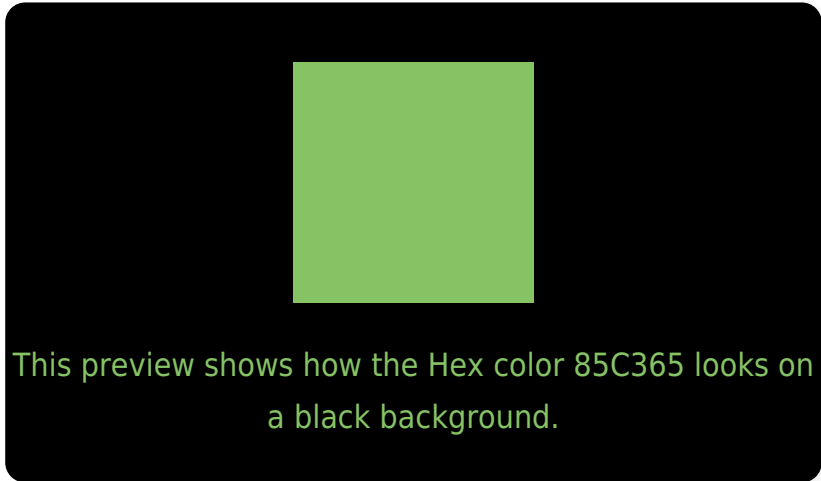
Large Text (above 18pt) WCAG AA × Fail

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 85C365 Background



This preview shows how black text looks on a background with the Hex color 85C365.

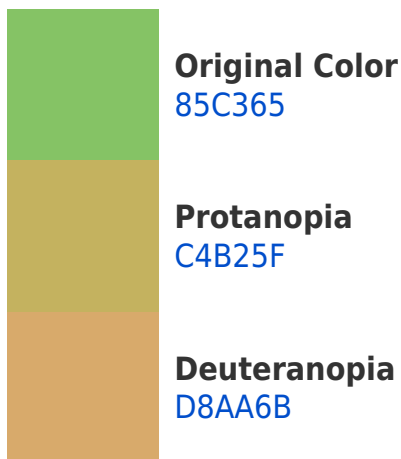


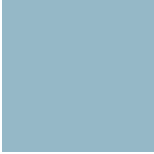
This preview shows how white text looks on a background with the Hex color 85C365.

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](#).

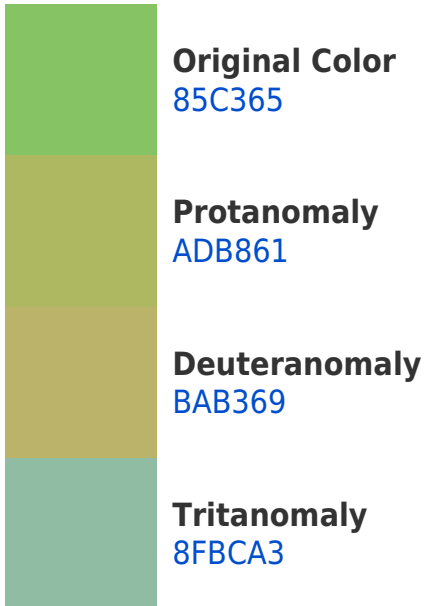
Dichromacy



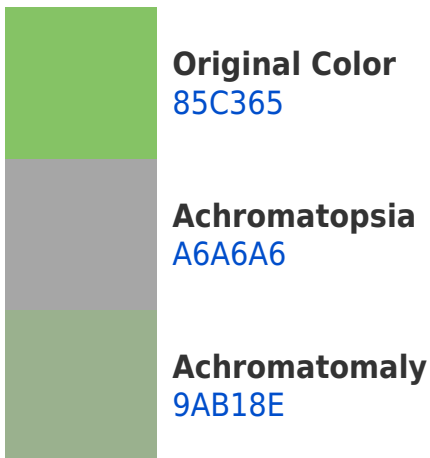


Tritanopia
95B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85C365 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 #85C365 looks like.

```
.text, #text, p{  
    color:#85C365  
}
```

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 #85C365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C365
}
```

Border

The CSS property to change the border of an element to Hex 85C365 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
#85C365 }
```

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

```
.border{ border-color:#85C365 }
```

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

Here you see how a box with a 4 pixel #85C365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C365; -webkit-box-shadow:4px 4px  
4px 4px #85C365; box-shadow:4px 4px 4px  
4px #85C365 }
```

Background

The CSS property to change the background color of an element to Hex 85C365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C365 }
```

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

```
.background{ background-color:#85C365 }
```

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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