

Converting Colors

Hex(85D364)

Have a look what the booklet for
Hex(85D364) contains.

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Color

Hex(85D364)

Conversions

Conversions Part 1

Format	Color
Hex	85D364
RGB	133, 211, 100
RGB Percent	52%, 83%, 39%
CMY	0.4784, 0.1725, 0.6078
CMYK	0.37, 0.00, 0.53, 0.17
HSL	102°, 56%, 61%
HSV	102°, 53%, 83%
XYZ	35.2674, 52.4952, 20.3304
YIQ	175.0240, -10.8570, -51.0570

Conversions

Conversions Part 2

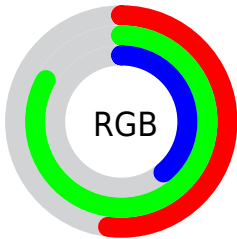
Format	Color
RYB	100, 211, 178
Decimal	8770404
CIELab	77.58, -44.05, 47.03
CIELCh	78, 64.436, 133.130
Yxy	52.4952, 0.3263, 0.4856
Android (android.graphics.Color)	4286960484 (0xFF85D364)
YUV	175.0240, -36.9868, -36.8550
Hunter-Lab	72.4536, -39.9073, 34.0808

Details

The Hex color **85D364** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **B264D3**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BEFF99**, and **4D9C30** is the 20% darker color. If you saturate the color by 10%, you get **76D34F**, and if you desaturate by 10%, it is **94D379**.

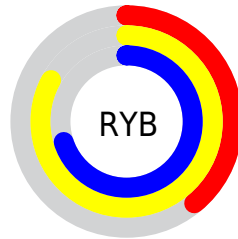
Distribution



Red (52%)

Green (83%)

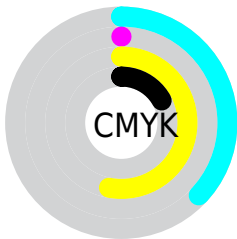
Blue (39%)



Red (39%)

Yellow (83%)

Blue (70%)

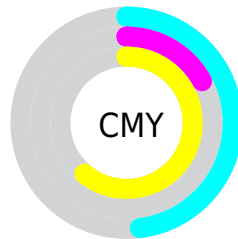


Cyan (37%)

Magenta (0%)

Yellow (53%)

Black (17%)



Cyan (48%)

Magenta (17%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85D364 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 85D364 by changing the saturation by 10% instead.

 85D364

 85D364

FFFFFF

 69B74A

 BEFF99

 4D9C30

 DBFFB5

 308114

 F8FFD1

 0A6800

 FFFFEE

 004F00

 003700

 002200

 000000

 85D364

 85D364

 76D34F

 94D379

 67D33A

 A3D38E

 59D325

 B1D3A3

 4AD310

 C0D3B8

 3FD300

 CFD3CD

 DED3E3

 EDD3F8

 FCD3FF

 FFD3FF

Harmonies

Analogous

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



C8C543



85D364



00DB9B

Triad

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



85D364



00D0FF



FF8BA8

Complementary

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



85D364



B264D3

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.



FF90E4



85D364



83BDFF

Square

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



85D364



00DAFF



E5A5FF



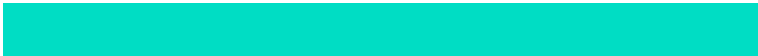
FF9971

Rectangle

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



85D364



00DDC4



E5A5FF



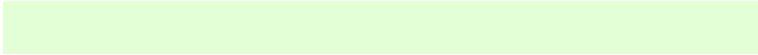
FF8ABC

Sweetspot

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



85D364



E2FFD6



D3B264



6E8067



000000



808080

Same Dimension

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



85D364



8EFF5E



64D37A



61695E



32A800



0C2900

Inverse Universe

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



B264D3



CF5EFF



D364BD



655E69



7600A8



1D0029

Previews

White Background



This preview shows how the Hex color 85D364 looks on a white background.

Color Contrast Check

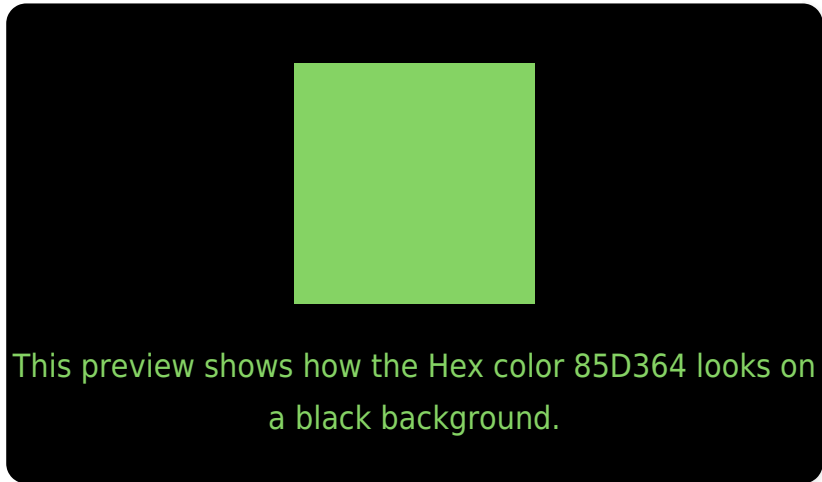
Large Text (above 18pt) WCAG AA × Fail

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 85D364 Background



This preview shows how black text looks on a background with the Hex color 85D364.

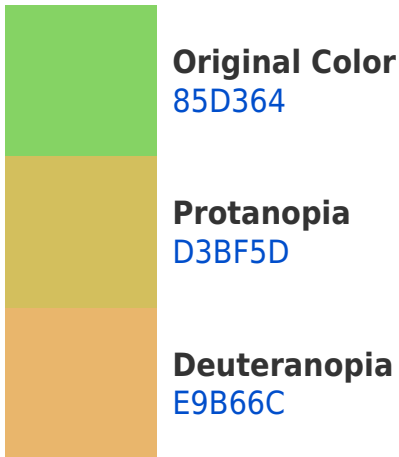


This preview shows how white text looks on a background with the Hex color 85D364.

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
98C7D7

Trichromacy



Original Color
85D364



Protanomaly
B7C660



Deuteranomaly
C5C169

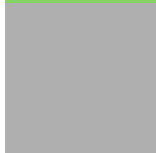


Tritanomaly
91CBAD

Monochromacy



Original Color
85D364



Achromatopsia
AFAFAF



Achromatomaly
A0BC94

CSS Examples

Text

The CSS property to change the color of the text to Hex 85D364 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 #85D364 looks like.

```
.text, #text, p{  
    color:#85D364  
}
```

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 #85D364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D364
}
```

Border

The CSS property to change the border of an element to Hex 85D364 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
#85D364 }
```

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

```
.border{ border-color:#85D364 }
```

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

Here you see how a box with a 4 pixel #85D364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D364; -webkit-box-shadow:4px 4px  
4px 4px #85D364; box-shadow:4px 4px 4px  
4px #85D364 }
```

Background

The CSS property to change the background color of an element to Hex 85D364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D364 }
```

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

```
.background{ background-color:#85D364 }
```

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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