

Converting Colors

Hex(85D568)

Have a look what the booklet for
Hex(85D568) contains.

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Color

Hex(85D568)

Conversions

Conversions Part 1

Format	Color
Hex	85D568
RGB	133, 213, 104
RGB Percent	52%, 84%, 41%
CMY	0.4784, 0.1647, 0.5922
CMYK	0.38, 0.00, 0.51, 0.16
HSL	104°, 56%, 62%
HSV	104°, 51%, 84%
XYZ	35.9658, 53.5745, 21.5420
YIQ	176.6540, -12.6910, -50.8590

Conversions

Conversions Part 2

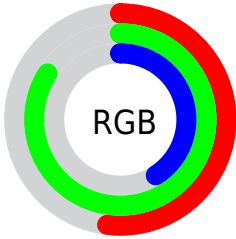
Format	Color
RYB	104, 213, 184
Decimal	8770920
CIELab	78.21, -44.44, 45.90
CIELCh	78, 63.887, 134.077
Yxy	53.5745, 0.3238, 0.4823
Android (android.graphics.Color)	4286961000 (0xFF85D568)
YUV	176.6540, -35.8184, -38.2846
Hunter-Lab	73.1946, -40.3806, 33.7865

Details

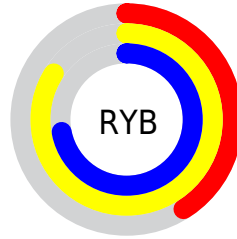
The Hex color **85D568** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **B868D5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BEFF9D**, and **4D9E34** is the 20% darker color. If you saturate the color by 10%, you get **75D553**, and if you desaturate by 10%, it is **95D57D**.

Distribution



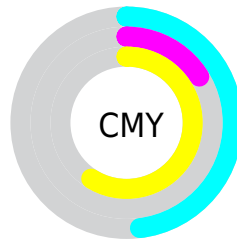
- Red (52%)
- Green (84%)
- Blue (41%)



- Red (41%)
- Yellow (84%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (51%)
- Black (16%)



- Cyan (48%)
- Magenta (16%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85D568 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 85D568 by changing the saturation by 10% instead.

 85D568

 85D568

FFFFFF

 69B94E

 BEFF9D

 4D9E34

 DBFFB9

 308319

 F8FFD5

 096900

 FFFFF2

 005000

 003800

 002300

 000000

 85D568

 85D568

 75D553

 95D57D

 66D53D

 A4D593

 56D528

 B4D5A8

 46D513

 C4D5BD

 39D500

 D3D5D3

 E3D5E8

 F2D5FD

 FFD5FF

Harmonies

Analogous

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



C8C746



85D568



00DD9F

Triad

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



85D568



00D1FF



FF8DA8

Complementary

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



85D568



B868D5

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.



FF91E4



85D568



8BBEFF

Square

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



85D568



00DBFF



E9A6FF



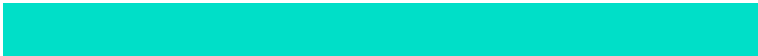
FF9C71

Rectangle

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



85D568



00DFC8



E9A6FF



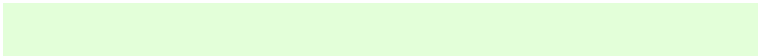
FF8CBC

Sweetspot

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



85D568



E3FFD9



D5B868



6F8069



000000



808080

Same Dimension

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



85D568



8DFF63



68D581



636B60



2DAB00



0C2B00

Inverse Universe

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



B868D5



D663FF



D568BC



68606B



7D00AB



20002B

Previews

White Background



This preview shows how the Hex color 85D568 looks on a white background.

Color Contrast Check

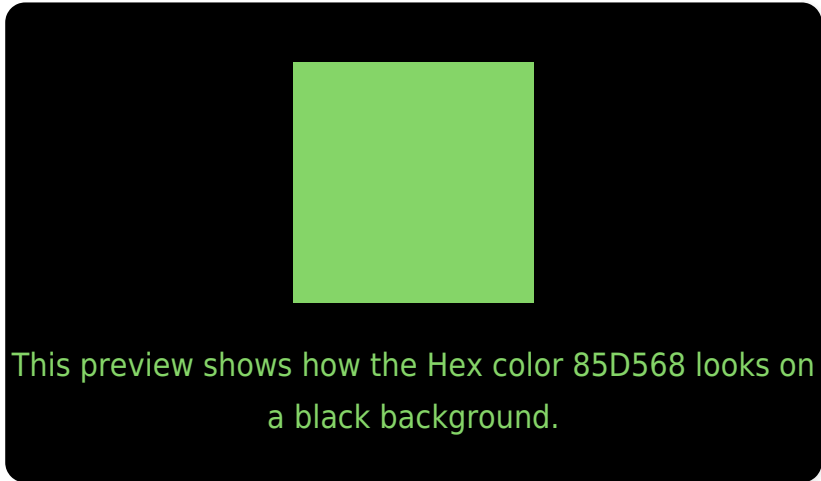
Large Text (above 18pt) WCAG AA × Fail

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 85D568 Background



This preview shows how black text looks on a background with the Hex color 85D568.

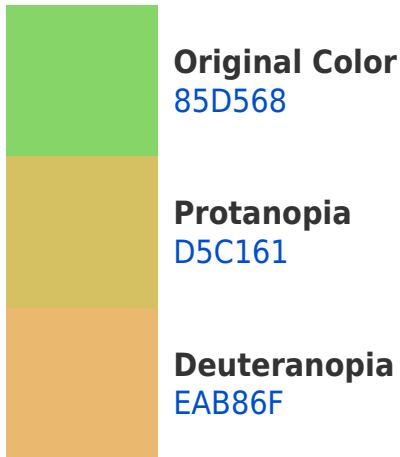


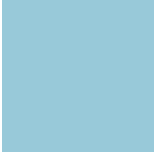
This preview shows how white text looks on a background with the Hex color 85D568.

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](#).

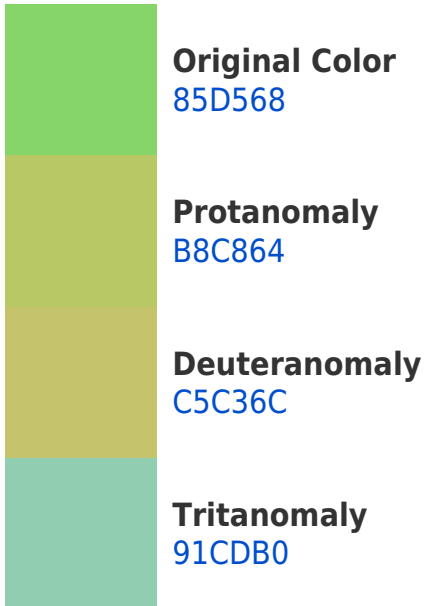
Dichromacy



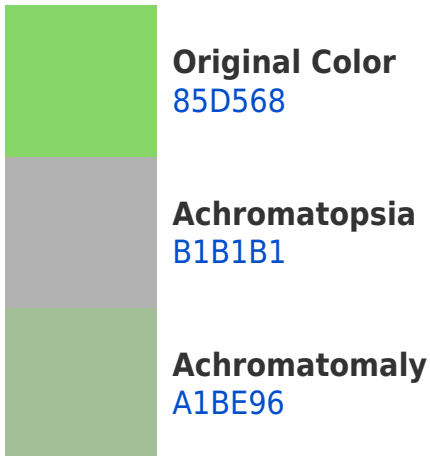


Tritanopia
98C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85D568 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 #85D568 looks like.

```
.text, #text, p{  
    color:#85D568  
}
```

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 #85D568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D568  
}
```

Border

The CSS property to change the border of an element to Hex 85D568 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  
#85D568 }
```

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

```
.border{ border-color:#85D568 }
```

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

Here you see how a box with a 4 pixel #85D568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D568; -webkit-box-shadow:4px 4px  
4px 4px #85D568; box-shadow:4px 4px 4px  
4px #85D568 }
```

Background

The CSS property to change the background color of an element to Hex 85D568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D568 }
```

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

```
.background{ background-color:#85D568 }
```

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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