

Converting Colors

Hex(85A344)

Have a look what the booklet for
Hex(85A344) contains.

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Color

Hex(85A344)

Conversions

Conversions Part 1

Format	Color
Hex	85A344
RGB	133, 163, 68
RGB Percent	52%, 64%, 27%
CMY	0.4784, 0.3608, 0.7333
CMYK	0.18, 0.00, 0.58, 0.36
HSL	79°, 41%, 45%
HSV	79°, 58%, 64%
XYZ	23.8134, 31.5983, 10.3128
YIQ	143.2000, 12.6150, -35.9050

Conversions

Conversions Part 2

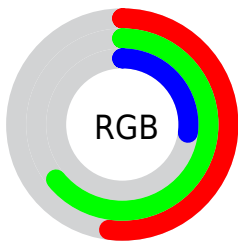
Format	Color
RYB	68, 163, 98
Decimal	8758084
CIELab	63.01, -25.35, 45.06
CIElCh	63, 51.698, 119.363
Yxy	31.5983, 0.3623, 0.4808
Android (android.graphics.Color)	4286948164 (0xFF85A344)
YUV	143.2000, -37.0736, -8.9454
Hunter-Lab	56.2124, -22.7530, 28.4712

Details

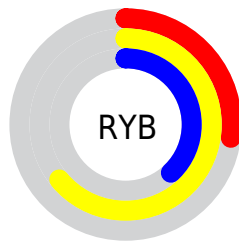
The Hex color **85A344** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6244A3**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **BCDA77**, and **506F0E** is the 20% darker color. If you saturate the color by 10%, you get **80A334**, and if you desaturate by 10%, it is **8AA354**.

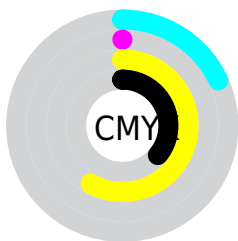
Distribution



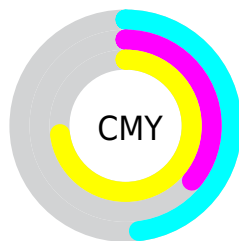
- Red (52%)
- Green (64%)
- Blue (27%)



- Red (27%)
- Yellow (64%)
- Blue (38%)



- Cyan (18%)
- Magenta (0%)
- Yellow (58%)
- Black (36%)



- Cyan (48%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A344 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 85A344 by changing the saturation by 10% instead.



85A344



85A344

FFFFFF



6A892B



BCDA77



506F0E



D9F792



375700



F6FFAD



1E3F00



FFFFC9



012900



FFFFE6



001200



000000



85A344



85A344



80A334



8AA354

 7BA323

 8FA365

 76A313

 94A375

 70A303

 9AA385

 70A300

 9FA396

 A4A3A6

 A9A3B6

 AEA3C6

 B3A3D7

Harmonies

Analogous

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



B39638



85A344



47AB68

Triad

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



85A344



00A9E7



EB709B

Complementary

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



85A344



6244A3

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.



D07BC8



85A344



329EF4

Square

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



85A344



00AFC4



998DE9



EB756E

Rectangle

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



85A344



00AE86



998DE9



E572AB

Sweetspot

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



85A344



C8D4B0



A36144



646B56



EBEBEB



6B6B6B

Same Dimension

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



85A344



A5D43F



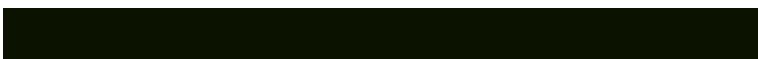
57A344



4F5249



639100



0C1200

Inverse Universe

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



6244A3



6E3FD4



9044A3



4C4952



2E0091



060012

Previews

White Background



This preview shows how the Hex color 85A344 looks on a white background.

Color Contrast Check

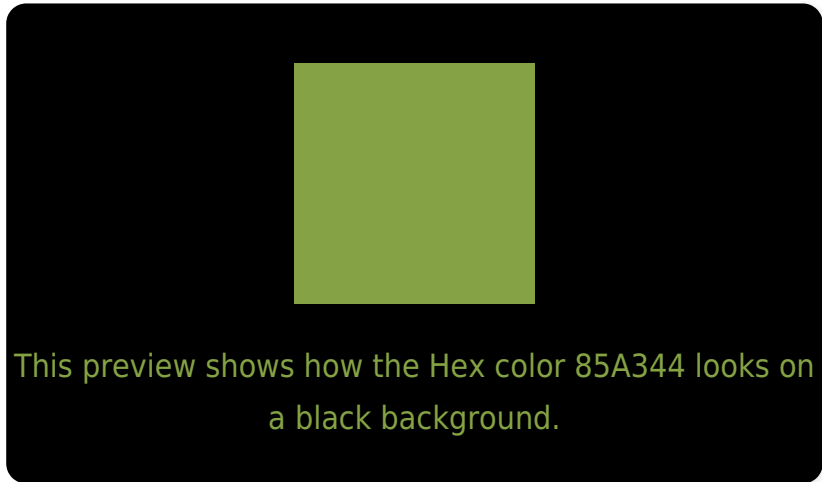
Large Text (above 18pt) WCAG AA × Fail

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 85A344 Background



This preview shows how black text looks on a background with the Hex color 85A344.

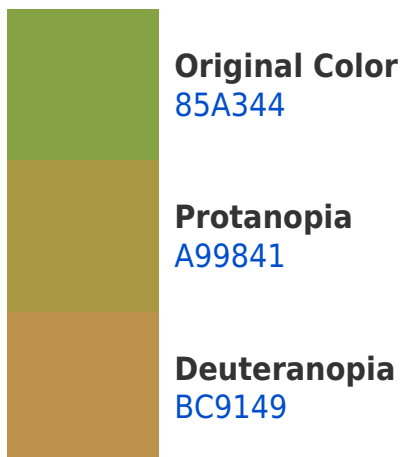


This preview shows how white text looks on a background with the Hex color 85A344.

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](#).

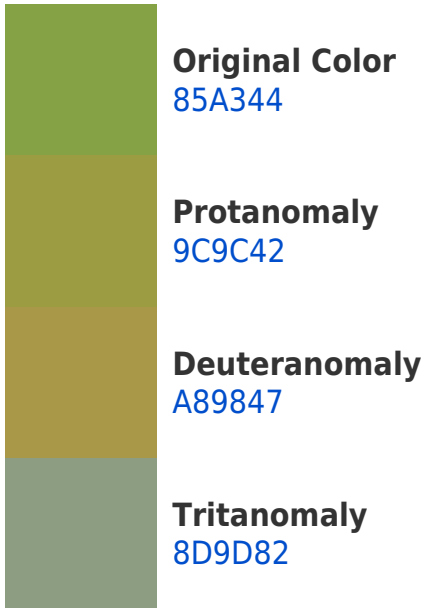
Dichromacy



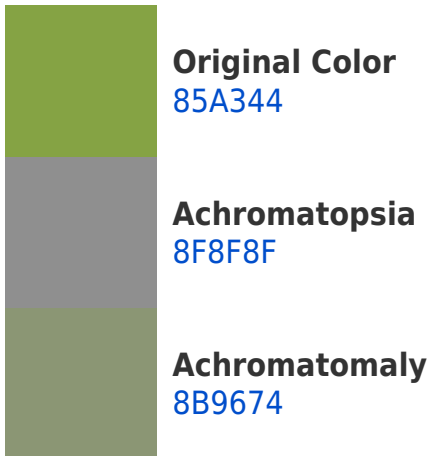


Tritanopia
9199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A344 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 #85A344 looks like.

```
.text, #text, p{  
    color:#85A344  
}
```

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 #85A344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A344
}
```

Border

The CSS property to change the border of an element to Hex 85A344 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
#85A344 }
```

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

```
.border{ border-color:#85A344 }
```

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

Here you see how a box with a 4 pixel #85A344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A344; -webkit-box-shadow:4px 4px  
4px 4px #85A344; box-shadow:4px 4px 4px  
4px #85A344 }
```

Background

The CSS property to change the background color of an element to Hex 85A344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A344 }
```

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

```
.background{ background-color:#85A344 }
```

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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