

Converting Colors

Hex(83A744)

Have a look what the booklet for
Hex(83A744) contains.

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Color

Hex(83A744)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 83A744 |
| RGB | 131, 167, 68 |
| RGB Percent | 51%, 65%, 27% |
| CMY | 0.4863, 0.3451, 0.7333 |
| CMYK | 0.22, 0.00, 0.59, 0.35 |
| HSL | 82°, 42%, 46% |
| HSV | 82°, 59%, 65% |
| XYZ | 24.2222, 32.8801, 10.5387 |
| YIQ | 144.9500, 10.3230, -38.4210 |

Conversions

Conversions Part 2

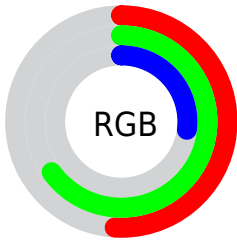
| Format | Color |
|-------------------------------------|--|
| RYB | 68, 167, 104 |
| Decimal | 8628036 |
| CIELab | 64.06, -28.10, 46.21 |
| CIELCh | 64, 54.086, 121.302 |
| Yxy | 32.8801, 0.3581, 0.4861 |
| Android (android.graphics.Color) | 4286818116 (0xFF83A744) |
| YUV | 144.9500, -37.9363, -12.2341 |
| Hunter-Lab | 57.3412, -24.9447, 29.2419 |

Details

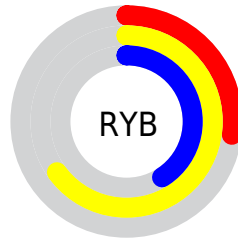
The Hex color **83A744** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6844A7**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BADE78**, and **4E730D** is the 20% darker color. If you saturate the color by 10%, you get **7DA733**, and if you desaturate by 10%, it is **89A755**.

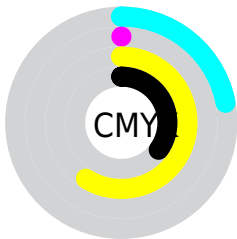
Distribution



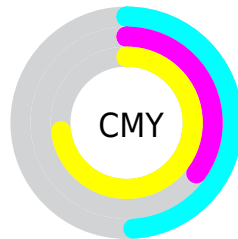
- Red (51%)
- Green (65%)
- Blue (27%)



- Red (27%)
- Yellow (65%)
- Blue (41%)



- Cyan (22%)
- Magenta (0%)
- Yellow (59%)
- Black (35%)



- Cyan (49%)
- Magenta (35%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A744 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 83A744 by changing the saturation by 10% instead.

 83A744

 83A744

FFFFFF

 688C2A

 BADE78

 4E730D

 D7FB92

 355A00

 F4FFAE

 1B4200

 FFFFCA

 002C00

 FFFFEE

 001700

 000000

 83A744

 83A744

 7DA733

 89A755

 77A723

 8FA765

 71A712

 95A776

 6BA701

 9BA787

 6AA700

 A1A797

 A7A7A8

 AEA7B9

 B4A7CA

 BAA7DA

Harmonies

Analogous

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



B49935



83A744



3EAF6B

Triad

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



83A744



00ACEF



F2709B

Complementary

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



83A744



6844A7

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.



D87ACA



83A744



36A0FC

Square

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



83A744



00B2CC



A08EEE



F1766C

Rectangle

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



83A744



00B28B



A08EEE



EC72AB

Sweetspot

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



83A744



CBD9B2



A76744



656E56



EDEDED



6E6E6E

Same Dimension

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



83A744



A1D93F



53A744



51544C



5E9400



0D1400

Inverse Universe

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



6844A7



773FD9



9844A7



4F4C54



360094



070014

Previews

White Background



This preview shows how the Hex color 83A744 looks on a white background.

Color Contrast Check

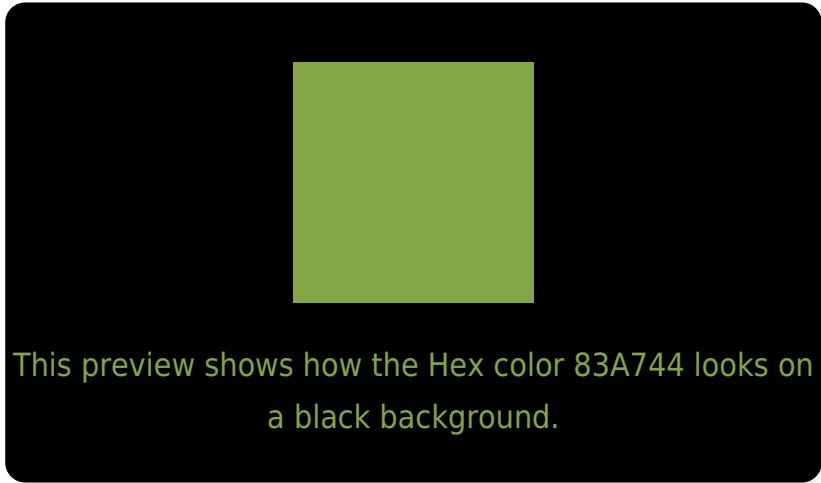
Large Text (above 18pt) WCAG AA × Fail

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 83A744 Background



This preview shows how black text looks on a background with the Hex color 83A744.



This preview shows how white text looks on a background with the Hex color 83A744.

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



Original Color
83A744

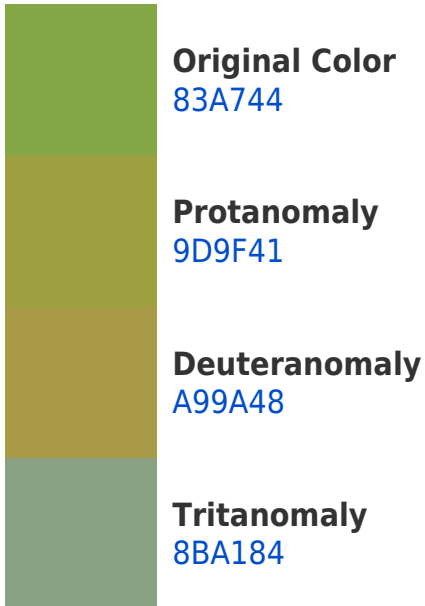
Protanopia
AC9B40

Deuteranopia
BF934A



Tritanopia
909DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A744 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 #83A744 looks like.

```
.text, #text, p{  
    color:#83A744  
}
```

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 #83A744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A744
}
```

Border

The CSS property to change the border of an element to Hex 83A744 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
#83A744 }
```

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

```
.border{ border-color:#83A744 }
```

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

Here you see how a box with a 4 pixel #83A744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A744; -webkit-box-shadow:4px 4px  
4px 4px #83A744; box-shadow:4px 4px 4px  
4px #83A744 }
```

Background

The CSS property to change the background color of an element to Hex 83A744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A744 }
```

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

```
.background{ background-color:#83A744 }
```

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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