

Converting Colors

Hex(83B6A4)

Have a look what the booklet for
Hex(83B6A4) contains.

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Color

Hex(83B6A4)

Conversions

Conversions Part 1

Format	Color
Hex	83B6A4
RGB	131, 182, 164
RGB Percent	51%, 71%, 64%
CMY	0.4863, 0.2863, 0.3569
CMYK	0.28, 0.00, 0.10, 0.29
HSL	159°, 26%, 61%
HSV	159°, 28%, 71%
XYZ	32.7889, 40.9615, 41.3002
YIQ	164.6990, -24.6180, -16.4100

Conversions

Conversions Part 2

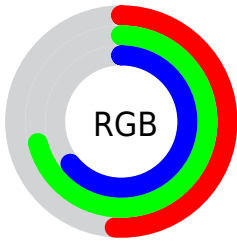
Format	Color
RYB	131, 162, 182
Decimal	8631972
CIELab	70.15, -20.66, 3.76
CIELCh	70, 21.000, 169.692
Yxy	40.9615, 0.2850, 0.3560
Android (android.graphics.Color)	4286822052 (0xFF83B6A4)
YUV	164.6990, -0.3446, -29.5540
Hunter-Lab	64.0012, -20.5536, 6.5408

Details

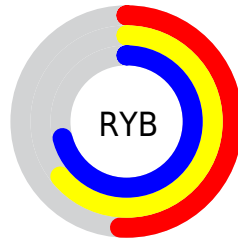
The Hex color **83B6A4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B68395**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B9EEDB**, and **508170** is the 20% darker color. If you saturate the color by 10%, you get **71B69E**, and if you desaturate by 10%, it is **95B6AA**.

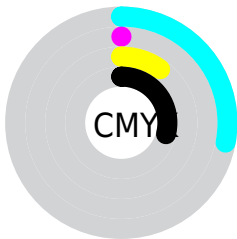
Distribution



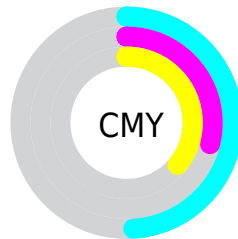
- Red (51%)
- Green (71%)
- Blue (64%)



- Red (51%)
- Yellow (64%)
- Blue (71%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (49%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B6A4 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 83B6A4 by changing the saturation by 10% instead.

 83B6A4

 83B6A4

FFFFFF

 699B8A

 B9EEDB

 508170

 D5FFF7

 376858

 F2FFFF

 1E4F41

 02382B


 002316

 000100

 000000

 83B6A4

 83B6A4

 71B69E

 95B6AA

 5FB697

 A7B6B1

 4CB691

 BAB6B7

 3AB68A

 CCB6BE

 28B684

 DEB6C4

 16B67D

 F0B6CB

 04B677

 FFB6D1

 00B676

 FFB6D7

 FFB6DE

Harmonies

Analogous

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



97B392



83B6A4



77B6B8

Triad

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



83B6A4



A6A9CF



CEA28F

Complementary

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



83B6A4



B68395

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.



D39E9F



83B6A4



BEA3C4

Square

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



83B6A4



8DAFD1



CE9FB3



C0A886

Rectangle

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



83B6A4



77B5C3



CE9FB3



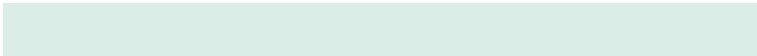
D1A094

Sweetspot

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



83B6A4



DAEDE6



96B683



6C7874



F7F7F7



787878

Same Dimension

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



83B6A4



9DEDD1



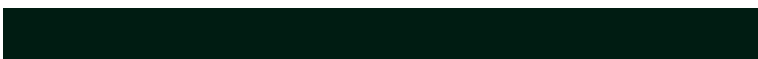
83AFB6



535C59



009C65



001C12

Inverse Universe

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



B68395



ED9DB9



B68A83



5C5356



9C0037



1C000A

Previews

White Background



This preview shows how the Hex color 83B6A4 looks on a white background.

Color Contrast Check

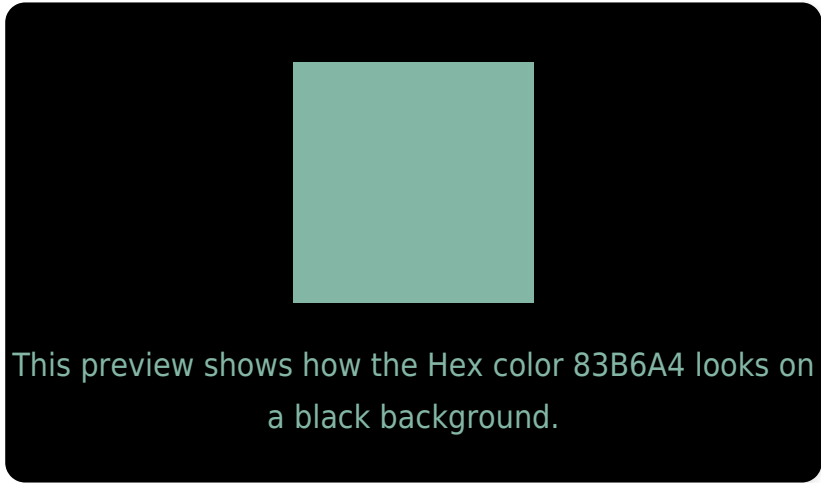
Large Text (above 18pt) WCAG AA × Fail

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

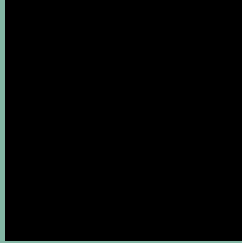
Any Text WCAG AA ✓ Pass

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 83B6A4 Background



This preview shows how black text looks on a background with the Hex color 83B6A4.

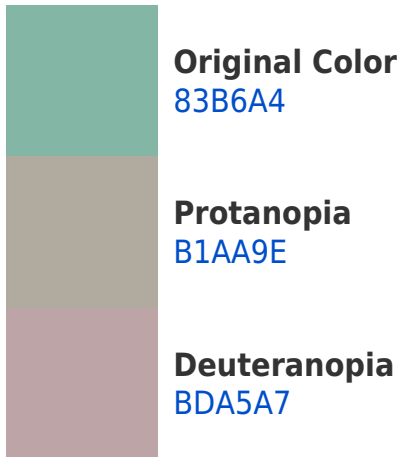


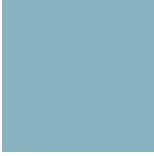
This preview shows how white text looks on a background with the Hex color 83B6A4.

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](#).

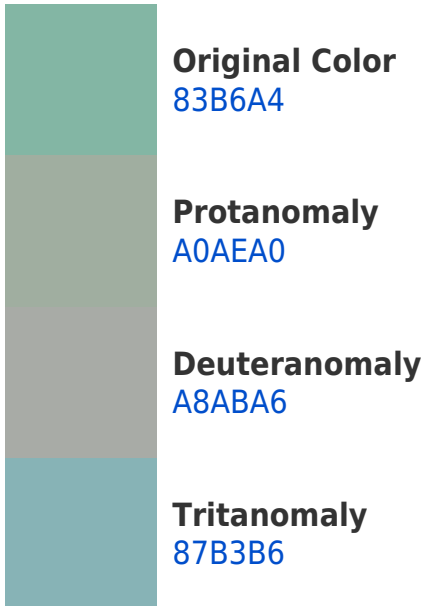
Dichromacy



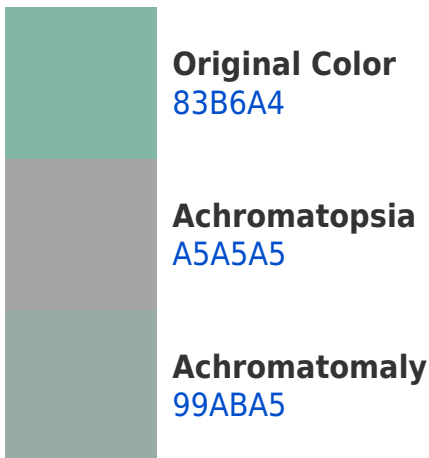


Tritanopia
89B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B6A4 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 #83B6A4 looks like.

```
.text, #text, p{  
    color:#83B6A4  
}
```

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 #83B6A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B6A4
}
```

Border

The CSS property to change the border of an element to Hex 83B6A4 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
#83B6A4 }
```

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

```
.border{ border-color:#83B6A4 }
```

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

Here you see how a box with a 4 pixel #83B6A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B6A4; -webkit-box-shadow:4px 4px  
4px 4px #83B6A4; box-shadow:4px 4px 4px  
4px #83B6A4 }
```

Background

The CSS property to change the background color of an element to Hex 83B6A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B6A4 }
```

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

```
.background{ background-color:#83B6A4 }
```

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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