

Converting Colors

Hex(83AF90)

Have a look what the booklet for
Hex(83AF90) contains.

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Color

Hex(83AF90)

Conversions

Conversions Part 1

Format	Color
Hex	83AF90
RGB	131, 175, 144
RGB Percent	51%, 69%, 56%
CMY	0.4863, 0.3137, 0.4353
CMYK	0.25, 0.00, 0.18, 0.31
HSL	138°, 22%, 60%
HSV	138°, 25%, 69%
XYZ	29.7241, 37.4989, 32.0569
YIQ	158.3100, -16.2730, -18.9690

Conversions

Conversions Part 2

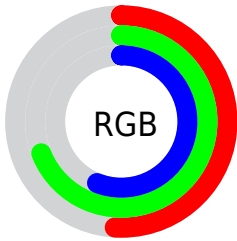
Format	Color
RYB	131, 165, 175
Decimal	8630160
CIELab	67.65, -21.17, 11.17
CIELCh	68, 23.940, 152.180
Yxy	37.4989, 0.2994, 0.3777
Android (android.graphics.Color)	4286820240 (0xFF83AF90)
YUV	158.3100, -7.0548, -23.9509
Hunter-Lab	61.2363, -20.5197, 11.8274

Details

The Hex color **83AF90** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AF83A2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B9E7C6**, and **507A5E** is the 20% darker color. If you saturate the color by 10%, you get **71AF84**, and if you desaturate by 10%, it is **94AF9C**.

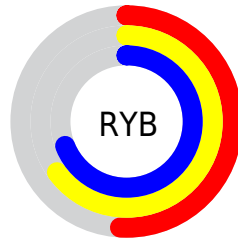
Distribution



Red (51%)

Green (69%)

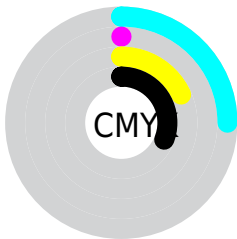
Blue (56%)



Red (51%)

Yellow (65%)

Blue (69%)

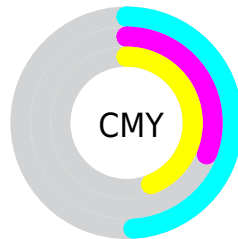


Cyan (25%)

Magenta (0%)

Yellow (18%)

Black (31%)



Cyan (49%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AF90 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 83AF90 by changing the saturation by 10% instead.



83AF90



83AF90

FFFFFF



699476



B9E7C6



507A5E



D5FFE2



386146



F1FFFF



21492F



08321A



001E00



000000



83AF90



83AF90



71AF84



94AF9C

 60AF77

 A6AFA9

 4EAF6B

 B8AFB5

 3DAF5F

 C9AFC1

 2BAF52

 DBAFCE

 1AAF46

 ECAFDA

 08AF3A

 FDAFE6

 00AF34

 FFAFF3

 FFAFFF

Harmonies

Analogous

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



9CAA80



83AF90



6EB1A6

Triad

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



83AF90



8DA6D0



D0978F

Complementary

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



83AF90



AF83A2

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.



CF95A4



83AF90



AA9FC9

Square

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



83AF90



72ACCA



C298B9



C69D7F

Rectangle

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



83AF90



66B1B4



C298B9



D19695

Sweetspot

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



83AF90



D1E3D6



A3AF83



67736B



F2F2F2



737373

Same Dimension

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



83AF90



9FE3B3



83AFA5



4E5751



00962C



001707

Inverse Universe

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



AF83A2



E39FCF



AF838D



574E54



96006A



170010

Previews

White Background



This preview shows how the Hex color 83AF90 looks on a white background.

Color Contrast Check

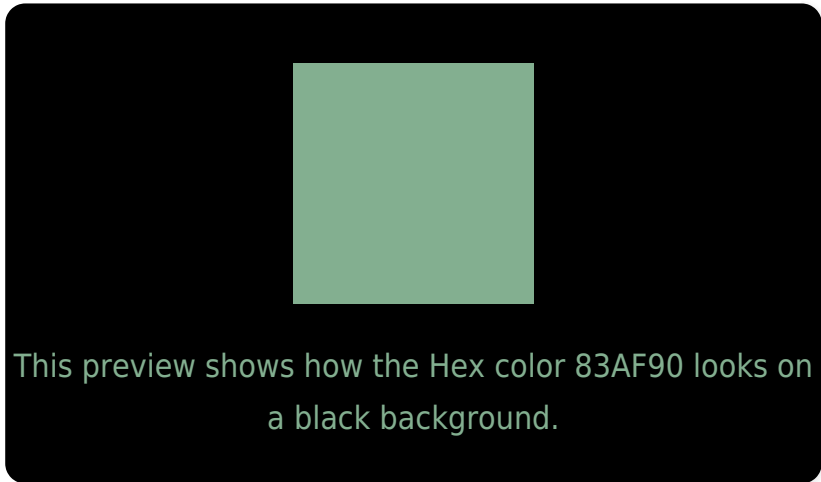
Large Text (above 18pt) WCAG AA × Fail

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

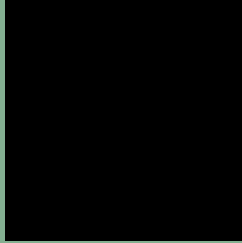
Any Text WCAG AA ✓ Pass

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 83AF90 Background



This preview shows how black text looks on a background with the Hex color 83AF90.



This preview shows how white text looks on a background with the Hex color 83AF90.

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](#).

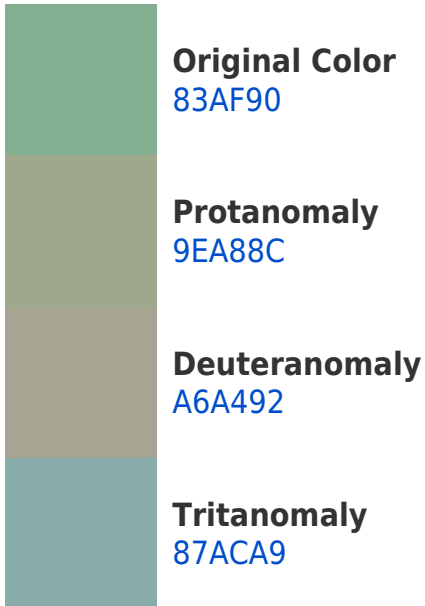
Dichromacy



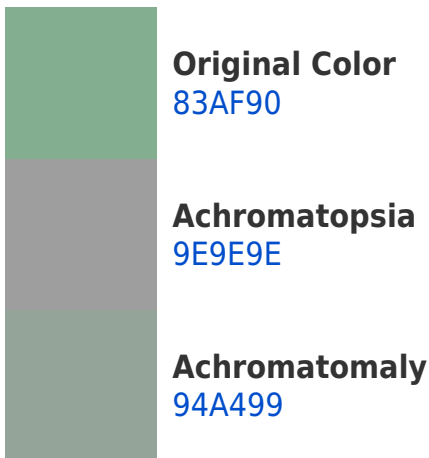


Tritanopia
8AAAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83AF90 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 #83AF90 looks like.

```
.text, #text, p{  
    color:#83AF90  
}
```

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 #83AF90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AF90
}
```

Border

The CSS property to change the border of an element to Hex 83AF90 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
#83AF90 }
```

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

```
.border{ border-color:#83AF90 }
```

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

Here you see how a box with a 4 pixel #83AF90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AF90; -webkit-box-shadow:4px 4px  
4px 4px #83AF90; box-shadow:4px 4px 4px  
4px #83AF90 }
```

Background

The CSS property to change the background color of an element to Hex 83AF90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AF90 }
```

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

```
.background{ background-color:#83AF90 }
```

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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