

Converting Colors

Hex(83A190)

Have a look what the booklet for
Hex(83A190) contains.

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Color

Hex(83A190)

Conversions

Conversions Part 1

Format	Color
Hex	83A190
RGB	131, 161, 144
RGB Percent	51%, 63%, 56%
CMY	0.4863, 0.3686, 0.4353
CMYK	0.19, 0.00, 0.11, 0.37
HSL	146°, 14%, 57%
HSV	146°, 19%, 63%
XYZ	27.1390, 32.3286, 31.1952
YIQ	150.0920, -12.4230, -11.6470

Conversions

Conversions Part 2

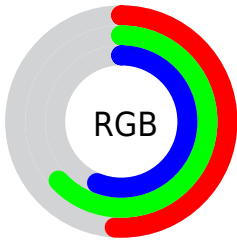
Format	Color
RYB	131, 152, 161
Decimal	8626576
CIELab	63.61, -13.92, 5.42
CIElCh	64, 14.932, 158.729
Yxy	32.3286, 0.2993, 0.3566
Android (android.graphics.Color)	4286816656 (0xFF83A190)
YUV	150.0920, -3.0034, -16.7437
Hunter-Lab	56.8583, -14.3023, 7.2714

Details

The Hex color **83A190** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A18394**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B8D8C6**, and **516D5E** is the 20% darker color. If you saturate the color by 10%, you get **73A187**, and if you desaturate by 10%, it is **93A199**.

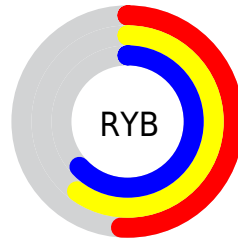
Distribution



Red (51%)

Green (63%)

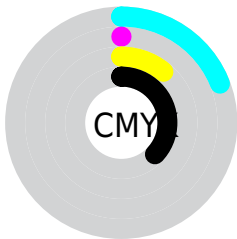
Blue (56%)



Red (51%)

Yellow (60%)

Blue (63%)

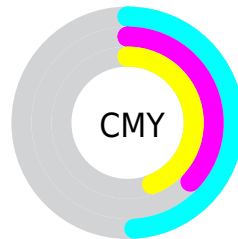


Cyan (19%)

Magenta (0%)

Yellow (11%)

Black (37%)



Cyan (49%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A190 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 83A190 by changing the saturation by 10% instead.

 83A190

 83A190

FFFFFF

 6A8776

 B8D8C6

 516D5E

 D4F4E2

 3A5546

 F1FFFE

 233E30

 0E281B

 001400

 000000

 83A190

 83A190

 73A187

 93A199

■ 63A17E

■ A3A1A2

■ 53A175

■ B3A1AB

■ 43A16C

■ C3A1B4

■ 33A162

■ D3A1BE

■ 22A159

■ E4A1C7

■ 12A150

■ F4A1D0

■ 02A147

■ FFA1D9

■ 00A146

■ FFA1E2

Harmonies

Analogous

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



919E85



83A190



79A29E

Triad

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



83A190



909AB4



B5928A

Complementary

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



83A190



A18394

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.



B69197



83A190



A195AF

Square

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



83A190



819EB2



AF92A4



AD9682

Rectangle

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



83A190



77A1A6



AF92A4



B6928E

Sweetspot

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



83A190



C5D1CA



94A183



616964



E8E8E8



696969

Same Dimension

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



83A190



A3D1B7



83A19F



49524D



00913F



001208

Inverse Universe

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



A18394



D1A3BD



A18385



52494E



910052



12000A

Previews

White Background



This preview shows how the Hex color 83A190 looks on a white background.

Color Contrast Check

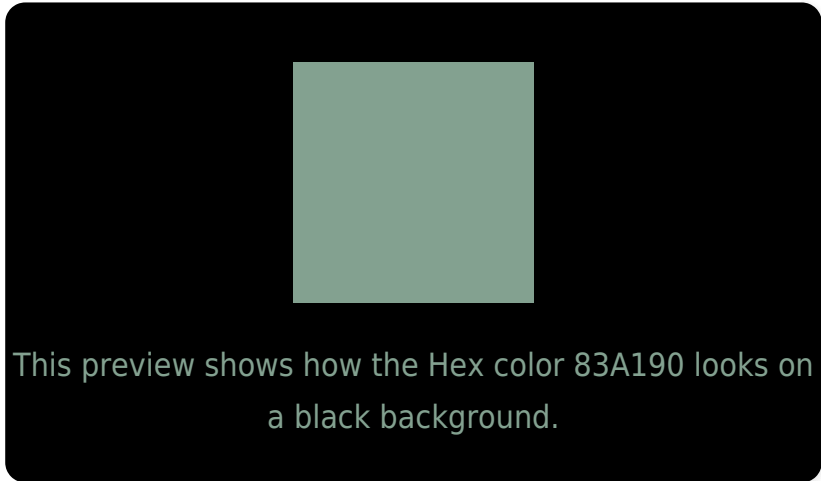
Large Text (above 18pt) WCAG AA × Fail

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

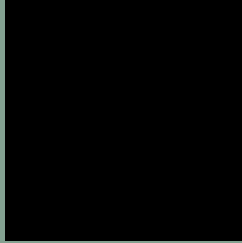
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

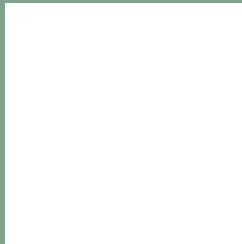
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 83A190 Background



This preview shows how black text looks on a background with the Hex color 83A190.

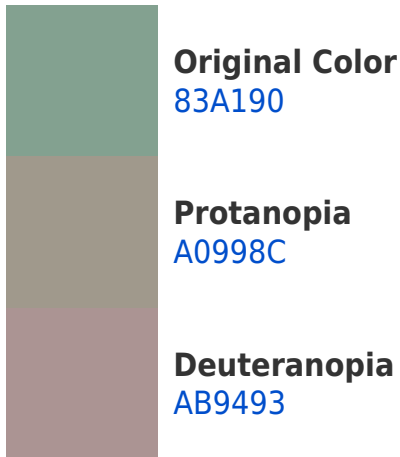


This preview shows how white text looks on a background with the Hex color 83A190.

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](#).

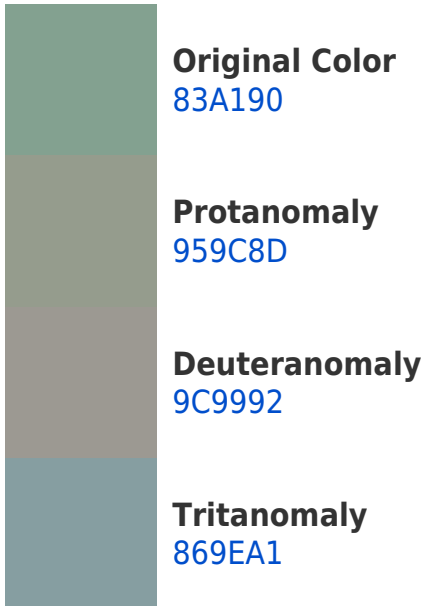
Dichromacy



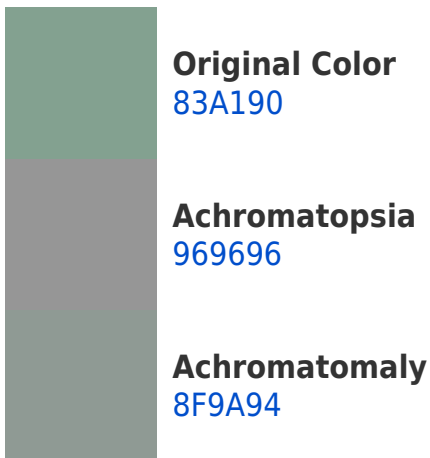


Tritanopia
889DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A190 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 #83A190 looks like.

```
.text, #text, p{  
    color:#83A190  
}
```

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 #83A190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A190
}
```

Border

The CSS property to change the border of an element to Hex 83A190 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
#83A190 }
```

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

```
.border{ border-color:#83A190 }
```

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

Here you see how a box with a 4 pixel #83A190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A190; -webkit-box-shadow:4px 4px  
4px 4px #83A190; box-shadow:4px 4px 4px  
4px #83A190 }
```

Background

The CSS property to change the background color of an element to Hex 83A190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A190 }
```

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

```
.background{ background-color:#83A190 }
```

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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