

Converting Colors

Hex(84A176)

Have a look what the booklet for
Hex(84A176) contains.

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Color

Hex(84A176)

Conversions

Conversions Part 1

Format	Color
Hex	84A176
RGB	132, 161, 118
RGB Percent	52%, 63%, 46%
CMY	0.4824, 0.3686, 0.5373
CMYK	0.18, 0.00, 0.27, 0.37
HSL	100°, 19%, 55%
HSV	100°, 27%, 63%
XYZ	25.5306, 31.7033, 21.9133
YIQ	147.4270, -3.4810, -19.5210

Conversions

Conversions Part 2

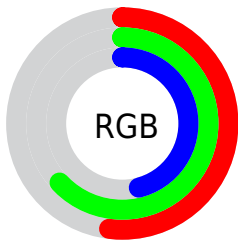
Format	Color
RYB	118, 161, 147
Decimal	8692086
CIELab	63.10, -18.33, 19.17
CIELCh	63, 26.519, 133.710
Yxy	31.7033, 0.3226, 0.4006
Android (android.graphics.Color)	4286882166 (0xFF84A176)
YUV	147.4270, -14.5075, -13.5295
Hunter-Lab	56.3057, -17.5979, 16.3392

Details

The Hex color **84A176** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9376A1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BAD8AA**, and **526D45** is the 20% darker color. If you saturate the color by 10%, you get **79A166**, and if you desaturate by 10%, it is **8FA186**.

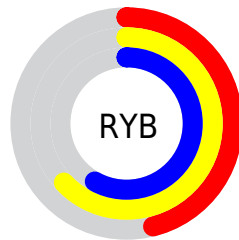
Distribution



Red (52%)

Green (63%)

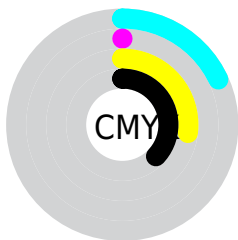
Blue (46%)



Red (46%)

Yellow (63%)

Blue (58%)

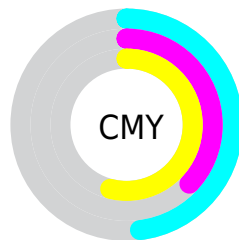


Cyan (18%)

Magenta (0%)

Yellow (27%)

Black (37%)



Cyan (48%)

Magenta (37%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A176 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 84A176 by changing the saturation by 10% instead.



84A176



84A176

FFFFFF



6A875D



BAD8AA



526D45



D5F4C6



3A552F



F2FFE2



233E19



0F2700



001300



000000



84A176



84A176



79A166



8FA186

 6EA156

 9AA196

 63A146

 A5A1A6

 59A136

 AFA1B6

 4EA126

 BAA1C7

 43A115

 C5A1D7

 38A105

 D0A1E7

 34A100

 DBA1F7

 E6A1FF

Harmonies

Analogous

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



9E9B6B



84A176



69A58B

Triad

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



84A176



689FC5



C8878F

Complementary

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



84A176



9376A1

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.



BF89A7



84A176



8A97C6

Square

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



84A176



51A4B8



AA8FBB



C48B79

Rectangle

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



84A176



59A69B



AA8FBB



C78797

Sweetspot

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



84A176



C6D1C0



A19376



61695E



E8E8E8



696969

Same Dimension

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



84A176



A4D18E



76A17D



4C5249



2F9100



061200

Inverse Universe

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



9376A1



BB8ED1



A1769A



4F4952



620091



0C0012

Previews

White Background



This preview shows how the Hex color 84A176 looks on a white background.

Color Contrast Check

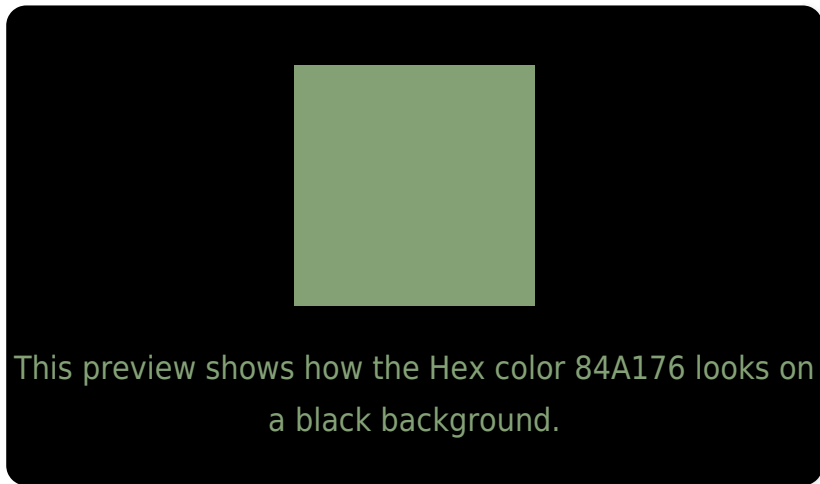
Large Text (above 18pt) WCAG AA × Fail

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 84A176 Background



This preview shows how black text looks on a background with the Hex color 84A176.

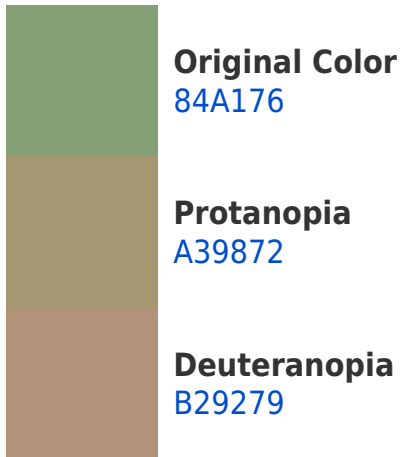


This preview shows how white text looks on a background with the Hex color 84A176.

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](#).

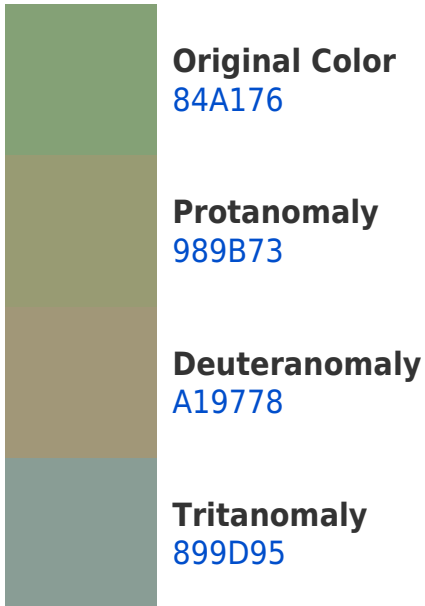
Dichromacy



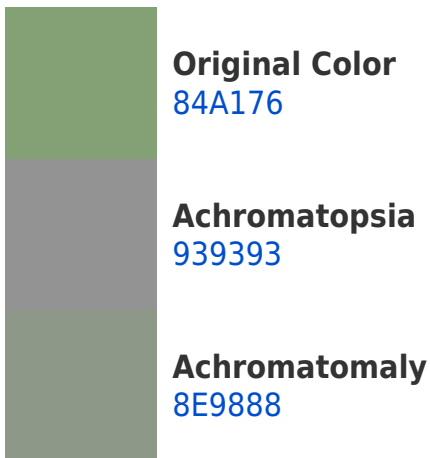


Tritanopia
8C9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A176 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 #84A176 looks like.

```
.text, #text, p{  
    color:#84A176  
}
```

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 #84A176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A176
}
```

Border

The CSS property to change the border of an element to Hex 84A176 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
#84A176 }
```

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

```
.border{ border-color:#84A176 }
```

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

Here you see how a box with a 4 pixel #84A176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A176; -webkit-box-shadow:4px 4px  
4px 4px #84A176; box-shadow:4px 4px 4px  
4px #84A176 }
```

Background

The CSS property to change the background color of an element to Hex 84A176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A176 }
```

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

```
.background{ background-color:#84A176 }
```

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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