

Converting Colors

Hex(A8C158)

Have a look what the booklet for
Hex(A8C158) contains.

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Color

Hex(A8C158)

Conversions

Conversions Part 1

Format	Color
Hex	A8C158
RGB	168, 193, 88
RGB Percent	66%, 76%, 35%
CMY	0.3412, 0.2431, 0.6549
CMYK	0.13, 0.00, 0.54, 0.24
HSL	74°, 46%, 55%
HSV	74°, 54%, 76%
XYZ	36.9799, 47.1693, 16.3881
YIQ	173.5550, 18.8050, -37.9550

Conversions

Conversions Part 2

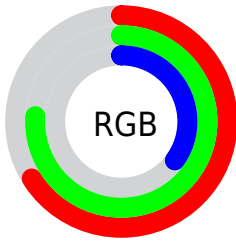
Format	Color
RYB	88, 193, 113
Decimal	11059544
CIELab	74.30, -24.20, 49.30
CIElCh	74, 54.919, 116.144
Yxy	47.1693, 0.3678, 0.4692
Android (android.graphics.Color)	4289249624 (0xFFA8C158)
YUV	173.5550, -42.1786, -4.8717
Hunter-Lab	68.6799, -24.0788, 33.9285

Details

The Hex color **A8C158** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7158C1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **E1F98D**, and **718B24** is the 20% darker color. If you saturate the color by 10%, you get **A3C145**, and if you desaturate by 10%, it is **ADC16B**.

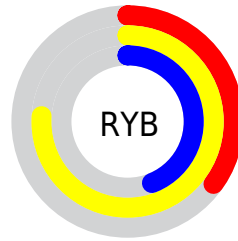
Distribution



Red (66%)

Green (76%)

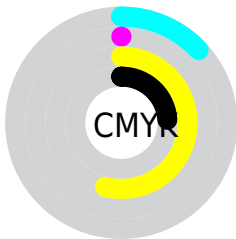
Blue (35%)



Red (35%)

Yellow (76%)

Blue (44%)

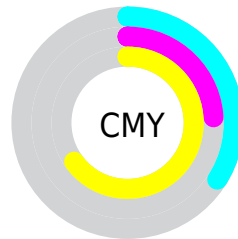


Cyan (13%)

Magenta (0%)

Yellow (54%)

Black (24%)



Cyan (34%)

Magenta (24%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8C158 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 A8C158 by changing the saturation by 10% instead.

 A8C158

 A8C158

FFFFFF

 8CA63E

 E1F98D

 718B24

 FEFFA8

 577201

 FFFFC4

 3D5900

 FFFFE1

 244200

FFFFFFE

 082B00

 001800

 000000

 A8C158

 A8C158

 A3C145

 ADC16B

 9FC131

 B1C17F

 9AC11E

 B6C192

 96C10B

 BAC1A5

 93C100

 BFC1B9

 C4C1CC

 C8C1DF

 CDC1F2

 D1C1FF

Harmonies

Analogous

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



DAB24F



A8C158



69CB7C

Triad

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



A8C158



00CAFF



FF8CBF

Complementary

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



A8C158



7158C1

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.



EF98F0



A8C158



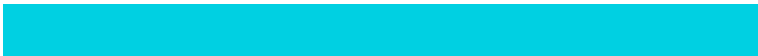
42BEFF

Square

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



A8C158



00D0E2



B0ACFF



FF8F8D

Rectangle

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



A8C158



1DCF9D



B0ACFF



FF8FD0

Sweetspot

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



A8C158



F0FAD2



C17158



777D65



FCFCFC



7D7D7D

Same Dimension

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



A8C158



D3FA57



74C158



5F6157



7AA100



192100

Inverse Universe

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



7158C1



7E57FA



A558C1



5A5761



2600A1



080021

Previews

White Background



This preview shows how the Hex color A8C158 looks on a white background.

Color Contrast Check

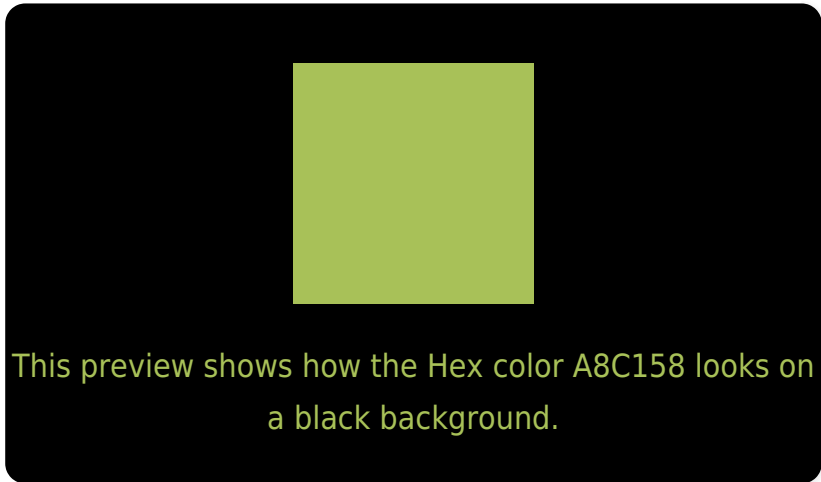
Large Text (above 18pt) WCAG AA × Fail

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 A8C158 Background



This preview shows how black text looks on a background with the Hex color A8C158.

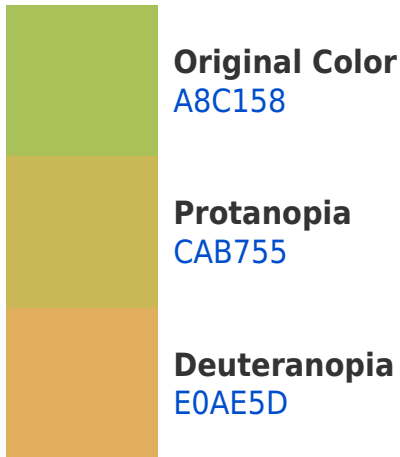


This preview shows how white text looks on a background with the Hex color A8C158.

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](#).

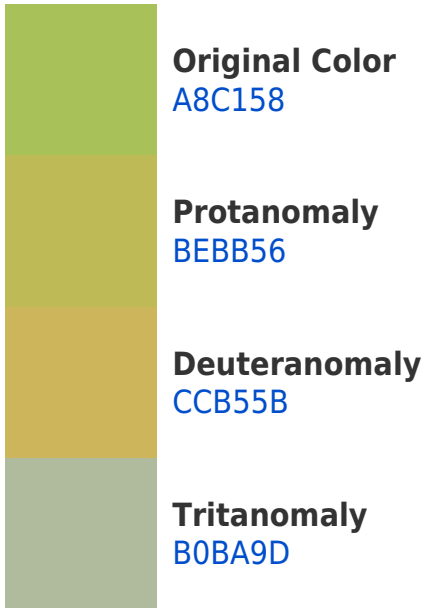
Dichromacy



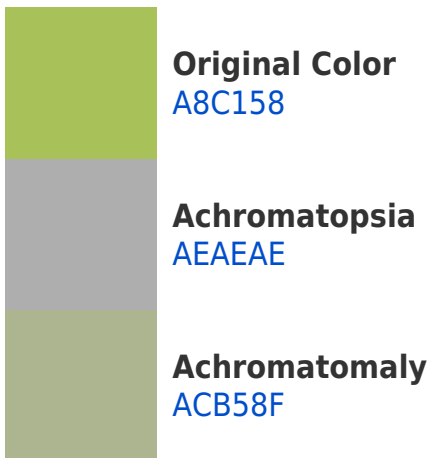


Tritanopia
B5B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8C158 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 #A8C158 looks like.

```
.text, #text, p{  
    color:#A8C158  
}
```

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 #A8C158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8C158
}
```

Border

The CSS property to change the border of an element to Hex A8C158 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
#A8C158 }
```

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

```
.border{ border-color:#A8C158 }
```

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

Here you see how a box with a 4 pixel #A8C158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8C158; -webkit-box-shadow:4px 4px  
4px 4px #A8C158; box-shadow:4px 4px 4px  
4px #A8C158 }
```

Background

The CSS property to change the background color of an element to Hex A8C158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8C158 }
```

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

```
.background{ background-color:#A8C158 }
```

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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