

# Converting Colors

Hex(A0C170)

Have a look what the booklet for  
Hex(A0C170) contains.

<b>Hex(A0C170)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A0C170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0C170
RGB	160, 193, 112
RGB Percent	63%, 76%, 44%
CMY	0.3725, 0.2431, 0.5608
CMYK	0.17, 0.00, 0.42, 0.24
HSL	84°, 40%, 60%
HSV	84°, 42%, 76%
XYZ	36.4918, 46.7834, 22.4360
YIQ	173.8990, 6.3330, -32.1870

# Conversions

## Conversions Part 2

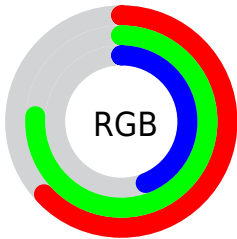
Format	Color
<a href="#">RYB</a>	<a href="#">112, 193, 145</a>
Decimal	<a href="#">10535280</a>
CIELab	<a href="#">74.05, -24.75, 37.13</a>
CIELCh	<a href="#">74, 44.622, 123.683</a>
Yxy	<a href="#">46.7834, 0.3452, 0.4426</a>
Android (android.graphics.Color)	<a href="#">4288725360</a> ( <a href="#">0xFFA0C170</a> )
YUV	<a href="#">173.8990, -30.5162, -12.1894</a>
Hunter-Lab	<a href="#">68.3984, -24.4641, 28.4306</a>

# Details

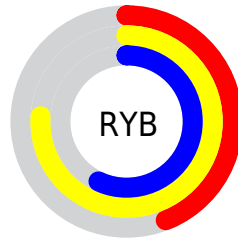
The Hex color **A0C170** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9170C1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D8FAA5**, and **6B8B3E** is the 20% darker color. If you saturate the color by 10%, you get **98C15D**, and if you desaturate by 10%, it is **A8C183**.

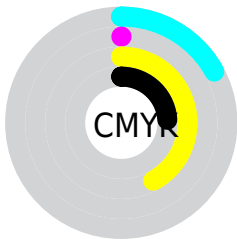
# Distribution



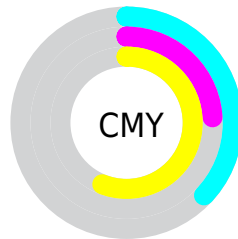
- Red (63%)
- Green (76%)
- Blue (44%)



- Red (44%)
- Yellow (76%)
- Blue (57%)



- Cyan (17%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (37%)
- Magenta (24%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0C170 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 A0C170 by changing the saturation by 10% instead.



 A0C170

 A0C170


FFFFFF

 85A657

 D8FAA5

 6B8B3E


 F5FFC0

 517226

 FFFFDD

 38590C

 FFFFF9

 214100

 052B00

 001700

 000000

 A0C170

 A0C170

98C15D

A8C183

90C149

B0C197

88C136

B8C1AA

81C123

BFC1BD

79C110

C7C1D1

72C100

CFC1E4

D7C1F7

DFC1FF

E7C1FF

# Harmonies

## Analogous

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



CBB563



A0C170



6DC890

# Triad

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



A0C170



15C4FF



FF95B3

# Complementary

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



A0C170



9170C1

# Split Complementary

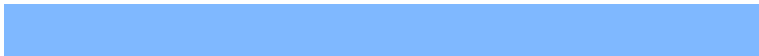
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



ED9BDB



A0C170



7FB8FF

# Square

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



A0C170



00CAE2



C1A9FA



FF9A8B

# Rectangle

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



A0C170



40CBAC



C1A9FA



FE96C0

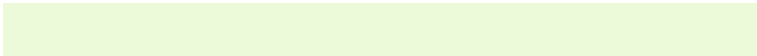


# Sweetspot

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



A0C170



EDFAD9



C19070



757D69



FCFCFC



7D7D7D



# Same Dimension

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



A0C170



C7FA7D



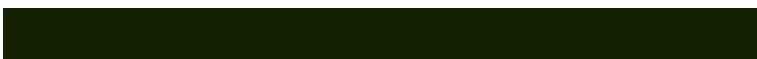
78C170



5D6157



5FA100



142100



# Inverse Universe

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



9170C1



B07DFA



B970C1



5B5761



4100A1



0E0021



# Previews

## White Background



This preview shows how the Hex color A0C170 looks on a white background.

## Color Contrast Check

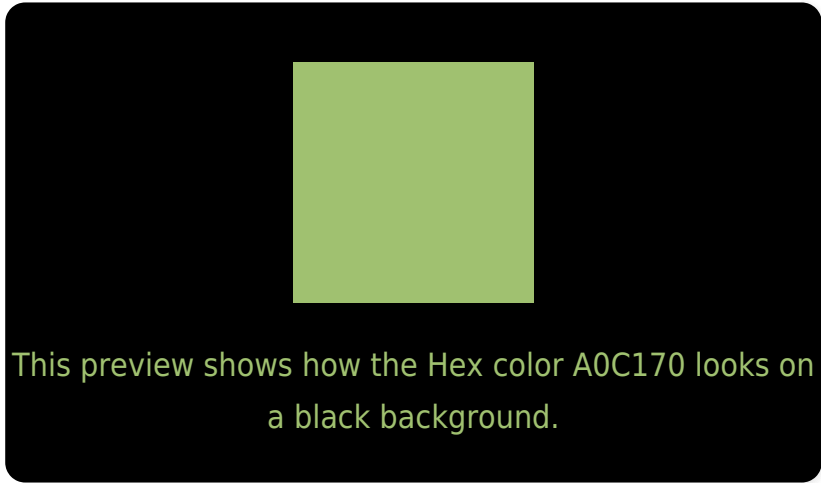
Large Text (above 18pt) WCAG AA × Fail

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

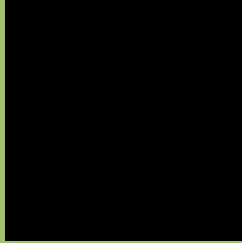
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A0C170 Background



This preview shows how black text looks on a background with the Hex color A0C170.

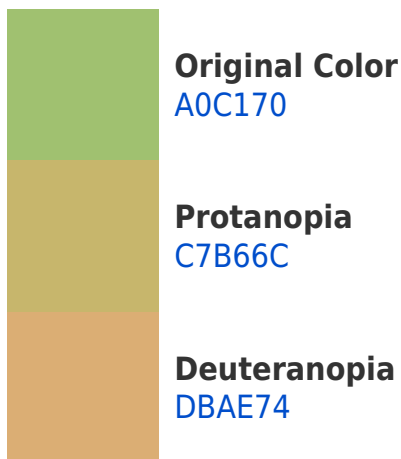


This preview shows how white text looks on a background with the Hex color A0C170.

# Color Blindness Simulation

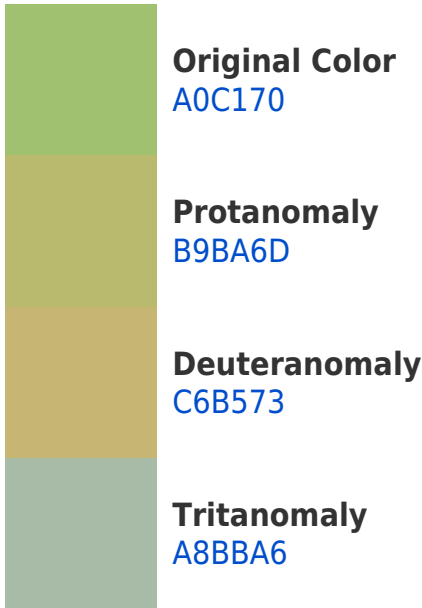
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0C170 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 #A0C170 looks like.

```
.text, #text, p{  
    color:#A0C170  
}
```

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 #A0C170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0C170
}
```

## Border

The CSS property to change the border of an element to Hex A0C170 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
#A0C170 }
```

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

```
.border{ border-color:#A0C170 }
```

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

Here you see how a box with a 4 pixel #A0C170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0C170; -webkit-box-shadow:4px 4px  
4px 4px #A0C170; box-shadow:4px 4px 4px  
4px #A0C170 }
```

# Background

The CSS property to change the background color of an element to Hex A0C170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0C170 }
```

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

```
.background{ background-color:#A0C170 }
```

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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