

# Converting Colors

Hex(A0B15F)

Have a look what the booklet for  
Hex(A0B15F) contains.

<b>Hex(A0B15F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A0B15F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0B15F
RGB	160, 177, 95
RGB Percent	63%, 69%, 37%
CMY	0.3725, 0.3059, 0.6275
CMYK	0.10, 0.00, 0.46, 0.31
HSL	72°, 34%, 53%
HSV	72°, 46%, 69%
XYZ	32.2849, 39.7441, 16.7963
YIQ	162.5690, 16.1900, -29.1060

# Conversions

## Conversions Part 2

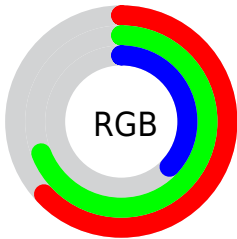
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 177, 112
Decimal	10531167
CIELab	69.29, -18.75, 39.78
CIELCh	69, 43.981, 115.236
Yxy	39.7441, 0.3635, 0.4474
Android (android.graphics.Color)	4288721247 (0xFFFA0B15F)
YUV	162.5690, -33.3115, -2.2530
Hunter-Lab	63.0429, -18.9135, 28.3337

# Details

The Hex color **A0B15F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **705FB1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D8E993**, and **6B7C2D** is the 20% darker color. If you saturate the color by 10%, you get **9CB14D**, and if you desaturate by 10%, it is **A4B171**.

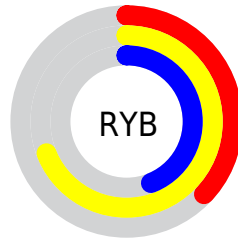
# Distribution



Red (63%)

Green (69%)

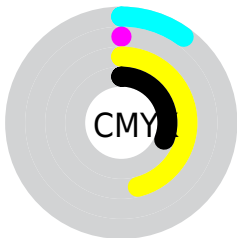
Blue (37%)



Red (37%)

Yellow (69%)

Blue (44%)

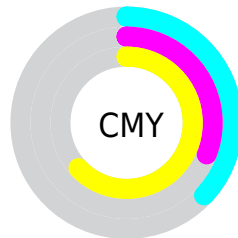


Cyan (10%)

Magenta (0%)

Yellow (46%)

Black (31%)



Cyan (37%)

Magenta (31%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0B15F 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 A0B15F by changing the saturation by 10% instead.



 A0B15F

 A0B15F


FFFFFF

 859646

 D8E993

 6B7C2D

 F5FFAE

 516314

 FFFFC A

 384C00

 FFFFE6

 213500

 032000

 000000

 A0B15F

 A0B15F

 9CB14D

 A4B171

■ 99B13C

■ A7B182

■ 95B12A

■ ABB194

■ 91B118

■ AFB1A6

■ 8EB106

■ B2B1B8

■ 8CB100

■ B6B1C9

■ BAB1DB

■ BDB1ED

■ C1B1FE

# Harmonies

## Analogous

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



C8A559



A0B15F



70B97A

# Triad

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



A0B15F



00B9EA



F089B1

# Complementary

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



A0B15F



705FB1

# 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.



D592D7



A0B15F



5BAFF8

# Square

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



A0B15F



00BDCA



A3A1F1



F58B89

# Rectangle

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



A0B15F



48BD94



A3A1F1



EA8BBF



# Sweetspot

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



A0B15F



DFE6C5



B16F5F



6F735F



F2F2F2



737373



# Same Dimension

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



A0B15F



CBE665



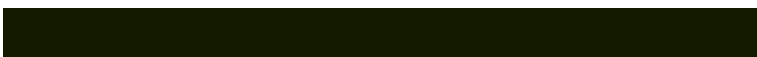
78B15F



575950



799900



141A00



# Inverse Universe

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



705FB1



8065E6



985FB1



525059



200099



05001A



# Previews

## White Background



This preview shows how the Hex color A0B15F looks on a white background.

## Color Contrast Check

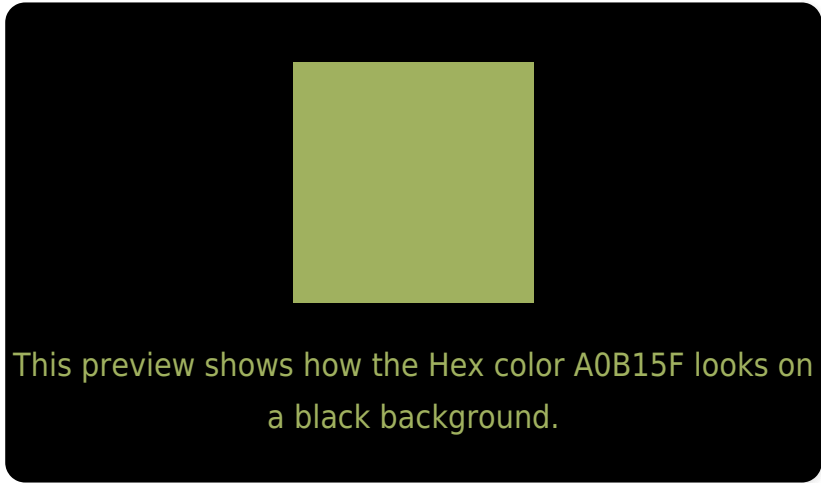
Large Text (above 18pt) WCAG AA × Fail

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 A0B15F Background



This preview shows how black text looks on a background with the Hex color A0B15F.



This preview shows how white text looks on a background with the Hex color A0B15F.

# 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



**Original Color**  
A0B15F

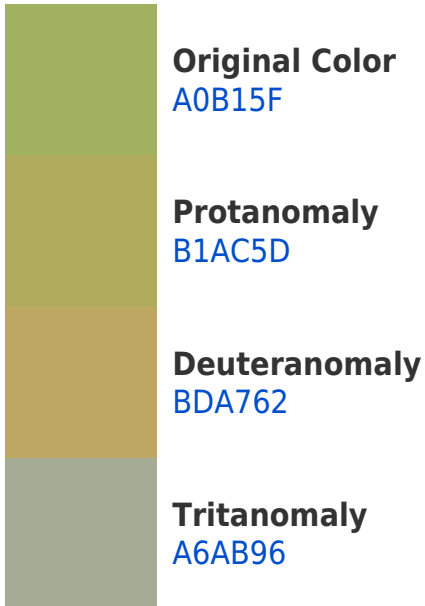
**Protanopia**  
BAA95C

**Deuteranopia**  
CDA163

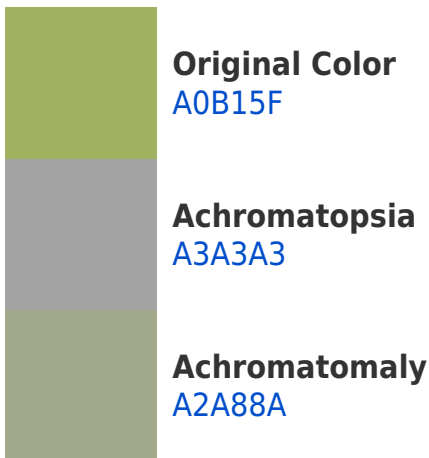


**Tritanopia**  
AAA7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0B15F 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 #A0B15F looks like.

```
.text, #text, p{  
    color:#A0B15F  
}
```

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 #A0B15F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0B15F
}
```

## Border

The CSS property to change the border of an element to Hex A0B15F 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
#A0B15F }
```

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

```
.border{ border-color:#A0B15F }
```

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

Here you see how a box with a 4 pixel #A0B15F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0B15F; -webkit-box-shadow:4px 4px  
4px 4px #A0B15F; box-shadow:4px 4px 4px  
4px #A0B15F }
```

# Background

The CSS property to change the background color of an element to Hex A0B15F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0B15F }
```

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

```
.background{ background-color:#A0B15F }
```

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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