

# Converting Colors

Hex(A78A11)

Have a look what the booklet for  
Hex(A78A11) contains.

<b>Hex(A78A11)</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(A78A11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A78A11
RGB	167, 138, 17
RGB Percent	65%, 54%, 7%
CMY	0.3451, 0.4588, 0.9333
CMYK	0.00, 0.17, 0.90, 0.35
HSL	48°, 82%, 36%
HSV	48°, 90%, 65%
XYZ	25.1260, 26.4329, 4.3081
YIQ	132.8770, 56.1250, -31.4830

# Conversions

## Conversions Part 2

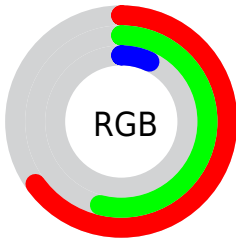
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 167, 17
Decimal	10979857
CIELab	58.45, 0.01, 60.20
CIElCh	58, 60.204, 89.991
Yxy	26.4329, 0.4497, 0.4731
Android (android.graphics.Color)	4289169937 (0xFFA78A11)
YUV	132.8770, -57.1274, 29.9259
Hunter-Lab	51.4130, -2.7380, 31.0209

# Details

The Hex color **A78A11** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **112EA7**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E2BF4D**, and **6F5900** is the 20% darker color. If you saturate the color by 10%, you get **A78700**, and if you desaturate by 10%, it is **A78D22**.

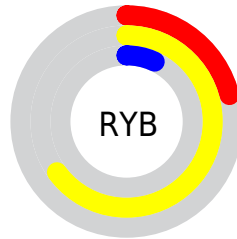
# Distribution



Red (65%)

Green (54%)

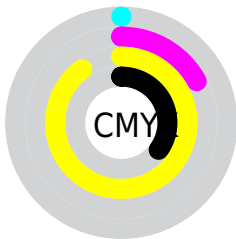
Blue (7%)



Red (21%)

Yellow (65%)

Blue (7%)

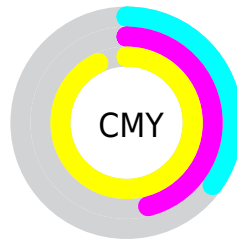


Cyan (0%)

Magenta (17%)

Yellow (90%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A78A11 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 A78A11 by changing the saturation by 10% instead.





A78A11



A78A11

FFFFFF



8A7100



E2BF4D



6F5900



FFDB68



534200



FFF783



392C00



FFFF9E



201800



FFFFBA



000000



FFFFD7



FFFFF4



A78A11



A78A11

■ A78700

■ A78D22

■ A79032

■ A79443

■ A79754

■ A79A64

■ A79D75

■ A7A186

■ A7A497

■ A7A7A7

# Harmonies

## Analogous

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



D0762F



A78A11



729927

# Triad

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



A78A11



00A5C0



CC67C2

# Complementary

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



A78A11



112EA7

# 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.



8B7FE8



A78A11



009FE7

# Square

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



A78A11



00A58B



0093F6



E9598F

# Rectangle

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



A78A11



439F44



0093F6



BB6FD1



# Sweetspot

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



A78A11



D9CD9E



A7112F



6E674B



EDEDED



6E6E6E



# Same Dimension

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



A78A11



D9AF00



7AA711



54534C



947700



141000



# Inverse Universe

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



112EA7



002AD9



3E11A7



4C4D54



001D94

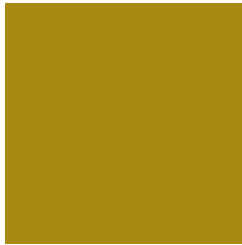


000414



# Previews

## White Background



This preview shows how the Hex color A78A11 looks on a white background.

## Color Contrast Check

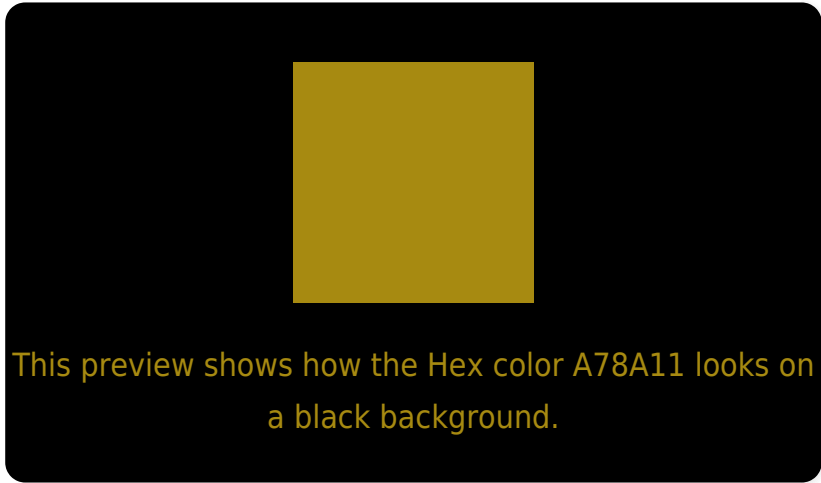
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex A78A11 Background



This preview shows how black text looks on a background with the Hex color A78A11.



This preview shows how white text looks on a background with the Hex color A78A11.

# 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**  
A78A11

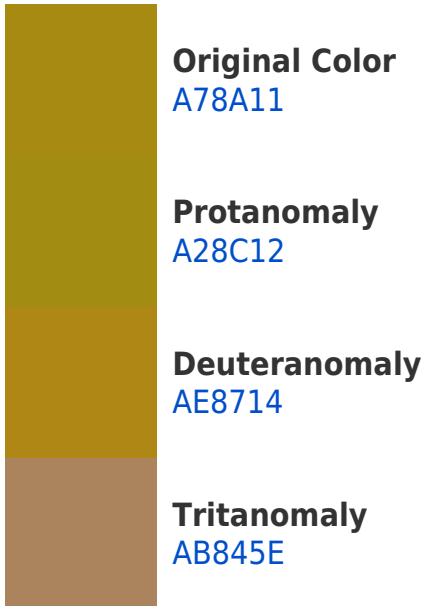
**Protanopia**  
9F8D12

**Deuteranopia**  
B28515

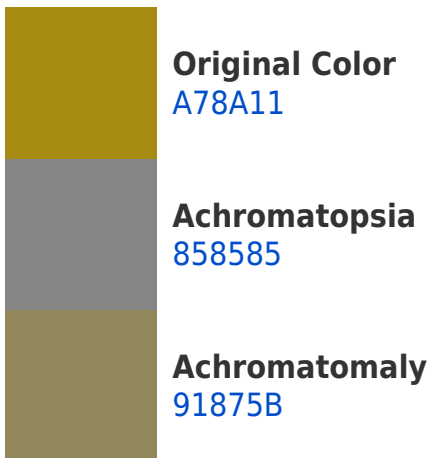


**Tritanopia**  
AE808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A78A11 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 #A78A11 looks like.

```
.text, #text, p{  
    color:#A78A11  
}
```

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 #A78A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A78A11  
}
```

## Border

The CSS property to change the border of an element to Hex A78A11 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  
#A78A11 }
```

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

```
.border{ border-color:#A78A11 }
```

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

Here you see how a box with a 4 pixel #A78A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A78A11; -webkit-box-shadow:4px 4px  
4px 4px #A78A11; box-shadow:4px 4px 4px  
4px #A78A11 }
```

# Background

The CSS property to change the background color of an element to Hex A78A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A78A11 }
```

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

```
.background{ background-color:#A78A11 }
```

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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