

# Converting Colors

Hex(A88218)

Have a look what the booklet for  
Hex(A88218) contains.

<b>Hex(A88218)</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(A88218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A88218
RGB	168, 130, 24
RGB Percent	66%, 51%, 9%
CMY	0.3412, 0.4902, 0.9059
CMYK	0.00, 0.23, 0.86, 0.34
HSL	44°, 75%, 38%
HSV	44°, 86%, 66%
XYZ	24.2960, 24.3560, 4.2848
YIQ	129.2780, 56.6740, -24.9100

# Conversions

## Conversions Part 2

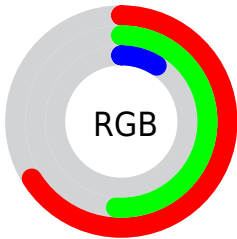
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 168, 24
Decimal	11043352
CIELab	56.44, 5.07, 56.87
CIELCh	56, 57.099, 84.905
Yxy	24.3560, 0.4590, 0.4601
Android (android.graphics.Color)	4289233432 (0xFFA88218)
YUV	129.2780, -51.9021, 33.9592
Hunter-Lab	49.3518, 1.5100, 29.3986

# Details

The Hex color **A88218** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **183EA8**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E3B750**, and **6F5100** is the 20% darker color. If you saturate the color by 10%, you get **A87E07**, and if you desaturate by 10%, it is **A88629**.

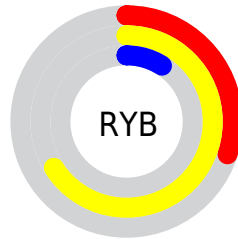
# Distribution



Red (66%)

Green (51%)

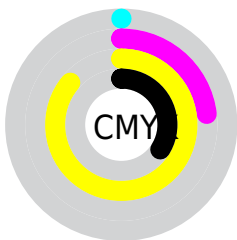
Blue (9%)



Red (30%)

Yellow (66%)

Blue (9%)

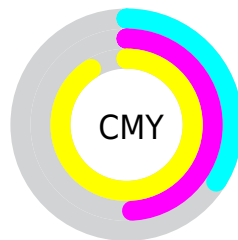


Cyan (0%)

Magenta (23%)

Yellow (86%)

Black (34%)



Cyan (34%)

Magenta (49%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A88218 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 A88218 by changing the saturation by 10% instead.





A88218



A88218

FFFFFF



8B6900



E3B750



6F5100



FFD26A



543A00



FFEE85



392500



FFFFA0



211100



FFFFBC



000000



FFFFD8



FFFFF5



A88218



A88218

■ A87E07

■ A88629

■ A87C00

■ A88B3A

■ A88F4A

■ A8945B

■ A8986C

■ A89D7D

■ A8A18E

■ A8A59E

■ A8AAAF

# Harmonies

## Analogous

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



CC6E36



A88218



789123

# Triad

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



A88218



009FB0



BB68C1

# Complementary

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



A88218



183EA8

# 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.



787EE2



A88218



009AD8

# Square

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



A88218



009E7D



0090EA



DC5892

# Rectangle

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



A88218



50983C



0090EA



A96FCE



# Sweetspot

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



A88218



DBCCA2



A8183E



6E654C



EDEDED



6E6E6E



# Same Dimension

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



A88218



DBA100



86A818



54524C



946D00



140F00



# Inverse Universe

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



183EA8



003ADB



3A18A8



4C4E54



002794

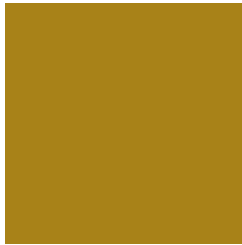


000514



# Previews

## White Background



This preview shows how the Hex color A88218 looks on a white background.

## Color Contrast Check

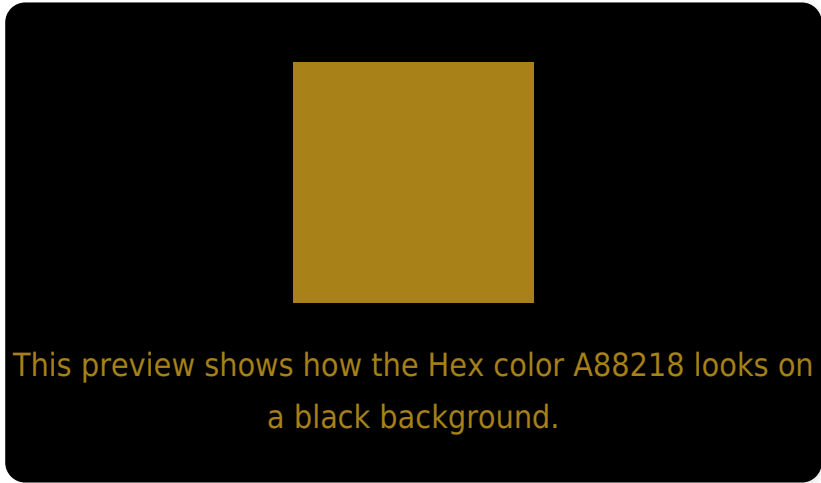
Large Text (above 18pt) WCAG AA ✓ Pass

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 A88218 Background



This preview shows how black text looks on a background with the Hex color A88218.



This preview shows how white text looks on a background with the Hex color A88218.

# 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**  
A88218

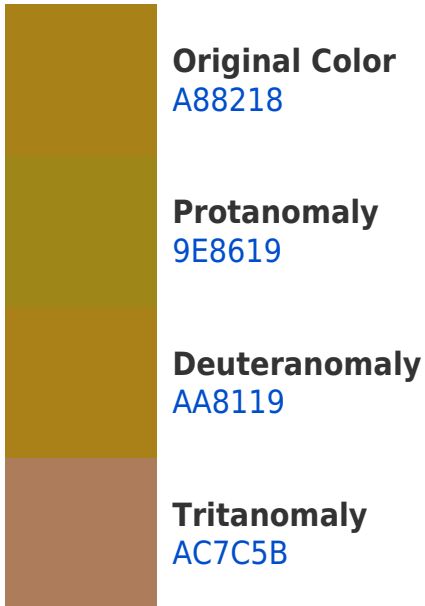
**Protanopia**  
99881A

**Deuteranopia**  
AB8119

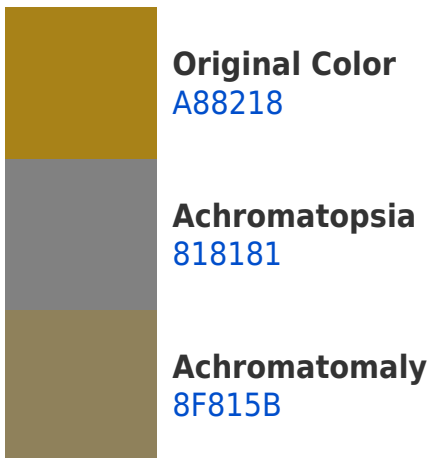


**Tritanopia**  
AE7982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A88218 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 #A88218 looks like.

```
.text, #text, p{  
    color:#A88218  
}
```

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 #A88218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A88218
}
```

## Border

The CSS property to change the border of an element to Hex A88218 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
#A88218 }
```

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

```
.border{ border-color:#A88218 }
```

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

Here you see how a box with a 4 pixel #A88218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A88218; -webkit-box-shadow:4px 4px  
4px 4px #A88218; box-shadow:4px 4px 4px  
4px #A88218 }
```

# Background

The CSS property to change the background color of an element to Hex A88218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A88218 }
```

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

```
.background{ background-color:#A88218 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor