

# Converting Colors

Hex(A17221)

Have a look what the booklet for  
Hex(A17221) contains.

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**Color**

**Hex(A17221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A17221
RGB	161, 114, 33
RGB Percent	63%, 45%, 13%
CMY	0.3686, 0.5529, 0.8706
CMYK	0.00, 0.29, 0.80, 0.37
HSL	38°, 66%, 38%
HSV	38°, 80%, 63%
XYZ	20.9898, 19.7215, 4.1392
YIQ	118.8190, 54.0130, -15.2270

# Conversions

## Conversions Part 2

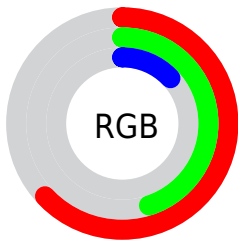
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 161, 33
Decimal	10580513
CIELab	51.52, 11.18, 49.17
CIElCh	52, 50.423, 77.185
Yxy	19.7215, 0.4680, 0.4397
Android (android.graphics.Color)	4288770593 (0xFFA17221)
YUV	118.8190, -42.3088, 36.9927
Hunter-Lab	44.4089, 6.6521, 25.5600

# Details

The Hex color **A17221** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2150A1**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **DCA654**, and **694200** is the 20% darker color. If you saturate the color by 10%, you get **A16C11**, and if you desaturate by 10%, it is **A17831**.

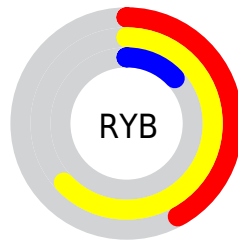
# Distribution



Red (63%)

Green (45%)

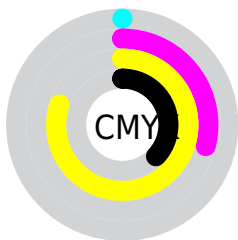
Blue (13%)



Red (42%)

Yellow (63%)

Blue (13%)

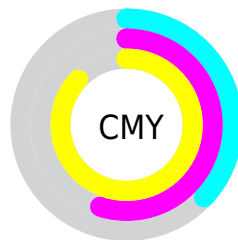


Cyan (0%)

Magenta (29%)

Yellow (80%)

Black (37%)



Cyan (37%)

Magenta (55%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A17221 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 A17221 by changing the saturation by 10% instead.



 A17221

 A17221

FFFFFF

 855A02

 DCA654

 694200

 FAC16E

 4E2C00

 FFDD88

 331800

 FFF9A3

 1C0000

 FFFFBF

 000000

 FFFFDB

 FFFFF8

 A17221

 A17221

■ A16C11

■ A17831

■ A16601

■ A17E41

■ A16600

■ A18451

■ A18A61

■ A19072

■ A19582

■ A19B92

■ A1A1A2

■ A1A7B2

# Harmonies

## Analogous

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



BD613D



A17221



7A8020

# Triad

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



A17221



009093



9C65B6

# Complementary

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



A17221



2150A1

# 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.



5977CD



A17221



008DB9

# Square

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



A17221



008E66



0085CF



C0558F

# Rectangle

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



A17221



5A8731



0085CF



8A6BC0



# Sweetspot

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



A17221



D1BF9F



A12152



695D4A



E8E8E8



696969



# Same Dimension

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



A17221



D1880A



92A121



524F49



915C00



120B00



# Inverse Universe

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



2150A1



0A53D1



3021A1



494C52



003591



000712



# Previews

## White Background



This preview shows how the Hex color A17221 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 A17221 Background



This preview shows how black text looks on a background with the Hex color A17221.



This preview shows how white text looks on a background with the Hex color A17221.

# 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**  
A17221

**Protanopia**  
8A7B23

**Deuteranopia**  
9B7520

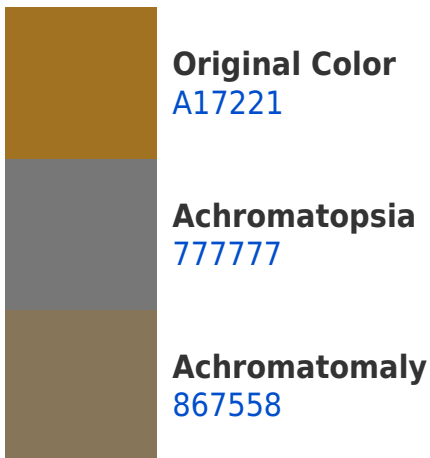


**Tritanopia**  
A66A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A17221 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 #A17221 looks like.

```
.text, #text, p{  
    color:#A17221  
}
```

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 #A17221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A17221
}
```

## Border

The CSS property to change the border of an element to Hex A17221 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
#A17221 }
```

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

```
.border{ border-color:#A17221 }
```

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

Here you see how a box with a 4 pixel #A17221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A17221; -webkit-box-shadow:4px 4px  
4px 4px #A17221; box-shadow:4px 4px 4px  
4px #A17221 }
```

# Background

The CSS property to change the background color of an element to Hex A17221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A17221 }
```

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

```
.background{ background-color:#A17221 }
```

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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