

# Converting Colors

Hex(A66221)

Have a look what the booklet for  
Hex(A66221) contains.

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**Color**

**Hex(A66221)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A66221                     |
| RGB           | 166, 98, 33                |
| RGB Percent   | 65%, 38%, 13%              |
| CMY           | 0.3490, 0.6157, 0.8706     |
| CMYK          | 0.00, 0.41, 0.80, 0.35     |
| HSL           | 29°, 67%, 39%              |
| HSV           | 29°, 80%, 65%              |
| XYZ           | 20.3681, 16.9522, 3.6374   |
| YIQ           | 110.9220, 61.3930, -5.7990 |

# Conversions

## Conversions Part 2

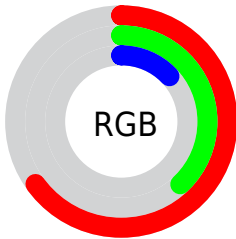
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 166, 160, 33                   |
| Decimal                             | 10904097                       |
| CIE <sub>Lab</sub>                  | 48.20, 22.49, 46.28            |
| CIE <sub>LCh</sub>                  | 48, 51.450, 64.085             |
| Yxy                                 | 16.9522, 0.4973,<br>0.4139     |
| Android<br>(android.graphics.Color) | 4289094177<br>(0xFFA66221)     |
| YUV                                 | 110.9220, -38.4155,<br>48.3034 |
| Hunter-Lab                          | 41.1730, 16.2503,<br>23.5831   |

# Details

The Hex color **A66221** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2165A6**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **E29552**, and **6D3300** is the 20% darker color. If you saturate the color by 10%, you get **A65A10**, and if you desaturate by 10%, it is **A66A32**.

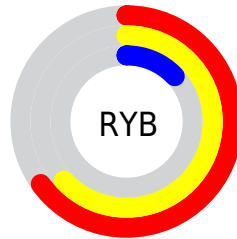
# Distribution



Red (65%)

Green (38%)

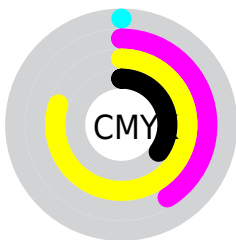
Blue (13%)



Red (65%)

Yellow (63%)

Blue (13%)

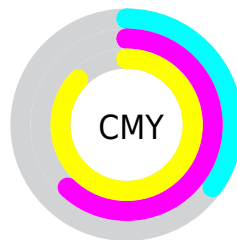


Cyan (0%)

Magenta (41%)

Yellow (80%)

Black (35%)



Cyan (35%)

Magenta (62%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A66221 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 A66221 by changing the saturation by 10% instead.



 A66221

 A66221


FFFFFF

 894A05

 E29552

 6D3300

 FFB06C

 511C00

 FFCB86

 360700

 FFE8A1

 1C0001

 FFFFBC

 000000

 FFFFD8

 FFFFF5

 A66221

 A66221

 A65A10

 A66A32

 A65100

 A67342

 A67B53

 A68463

 A68C74

 A69585

 A69D95

 A6A6A6

 A6AEB6

# Harmonies

## Analogous

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



BC5044



A66221



83720D

# Triad

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



A66221



008777



7B64BB

# Complementary

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



A66221



2165A6

# 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.



0076C9



A66221



0086A2

# Square

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



A66221



00844A



0081C0



AB5199

# Rectangle

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



A66221



667A19



0081C0



636BC2



# Sweetspot

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



A66221



D9BEA5



A62166



6E5D4E



EDEDED



6E6E6E



# Same Dimension

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



A66221



D96E09



A6A421



54504C



944800



140A00



# Inverse Universe

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



2165A6



0973D9



2123A6



4C5054



004C94



000A14



# Previews

## White Background



This preview shows how the Hex color A66221 looks on a white background.

## Color Contrast Check

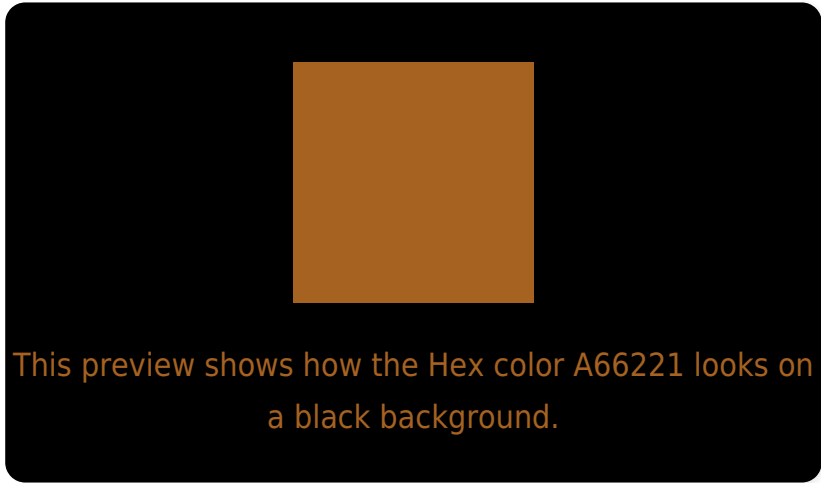
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex A66221 Background



This preview shows how black text looks on a background with the Hex color A66221.



This preview shows how white text looks on a background with the Hex color A66221.

# 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**  
A66221

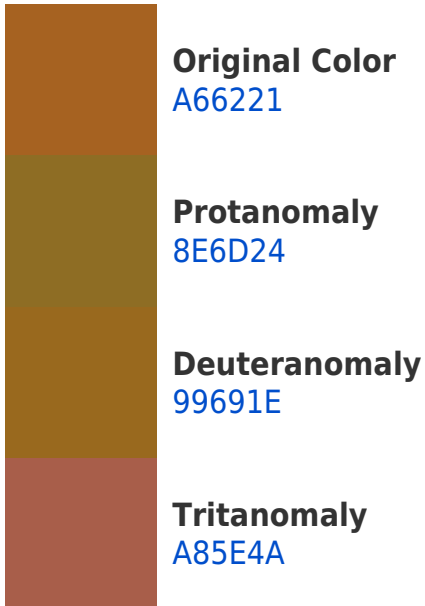
**Protanopia**  
817325

**Deuteranopia**  
916D1D

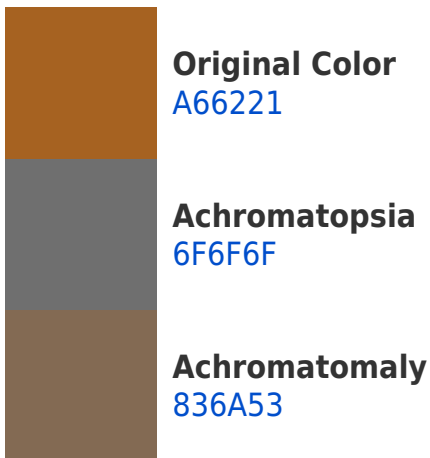


**Tritanopia**  
A95C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A66221 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 #A66221 looks like.

```
.text, #text, p{  
    color:#A66221  
}
```

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 #A66221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66221
}
```

## Border

The CSS property to change the border of an element to Hex A66221 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
#A66221 }
```

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

```
.border{ border-color:#A66221 }
```

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

Here you see how a box with a 4 pixel #A66221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66221; -webkit-box-shadow:4px 4px  
4px 4px #A66221; box-shadow:4px 4px 4px  
4px #A66221 }
```

# Background

The CSS property to change the background color of an element to Hex A66221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66221 }
```

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

```
.background{ background-color:#A66221 }
```

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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