

# Converting Colors

Hex(A87521)

Have a look what the booklet for  
Hex(A87521) contains.

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**Color**

**Hex(A87521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A87521
RGB	168, 117, 33
RGB Percent	66%, 46%, 13%
CMY	0.3412, 0.5412, 0.8706
CMYK	0.00, 0.30, 0.80, 0.34
HSL	37°, 67%, 39%
HSV	37°, 80%, 66%
XYZ	22.7843, 21.1572, 4.3217
YIQ	122.6730, 57.3600, -15.3120

# Conversions

## Conversions Part 2

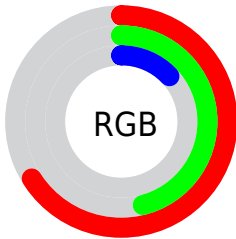
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 168, 33
Decimal	11040033
CIELab	53.12, 12.66, 50.95
CIELCh	53, 52.502, 76.041
Yxy	21.1572, 0.4721, 0.4384
Android (android.graphics.Color)	4289230113 (0xFFA87521)
YUV	122.6730, -44.2088, 39.7518
Hunter-Lab	45.9970, 7.9239, 26.6272

# Details

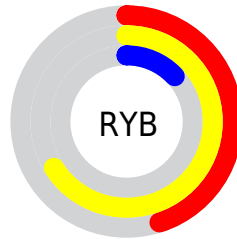
The Hex color **A87521** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2154A8**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E3A955**, and **6F4500** is the 20% darker color. If you saturate the color by 10%, you get **A86F10**, and if you desaturate by 10%, it is **A87B32**.

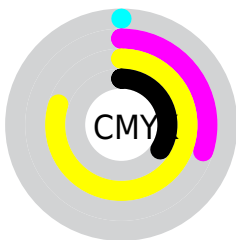
# Distribution



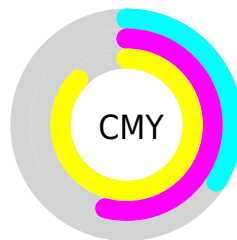
- Red (66%)
- Green (46%)
- Blue (13%)



- Red (45%)
- Yellow (66%)
- Blue (13%)



- Cyan (0%)
- Magenta (30%)
- Yellow (80%)
- Black (34%)



- Cyan (34%)
- Magenta (54%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A87521 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 A87521 by changing the saturation by 10% instead.



 A87521

 A87521

FFFFFF

 8B5C01

 E3A955

 6F4500

 FFC46E

 542F00

 FFE089

 391A00

 FFFDA4

 210100

 FFFFC0

 000000

 FFFFDC

 FFFFF9

 A87521

 A87521

■ A86F10

■ A87B32

■ A86900

■ A88243

■ A88853

■ A88E64

■ A89575

■ A89B86

■ A8A197

■ A8A8A7

■ A8AEB8

# Harmonies

## Analogous

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



C5633F



A87521



7F841E

# Triad

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



A87521



009596



A068BE

# Complementary

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



A87521



2154A8

# 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.



577BD6



A87521



0092BF

# Square

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



A87521



009368



008AD6



C65896

# Rectangle

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



A87521



5F8B30



008AD6



8D6FC8



# Sweetspot

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



A87521



DBC7A7



A82155



6E624E



EDEDED



6E6E6E



# Same Dimension

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



A87521



DB8C09



98A821



54514C



945C00



140D00



# Inverse Universe

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



2154A8



0958DB



3121A8



4C4F54



003894



000814



# Previews

## White Background



This preview shows how the Hex color A87521 looks on a white background.

## Color Contrast Check

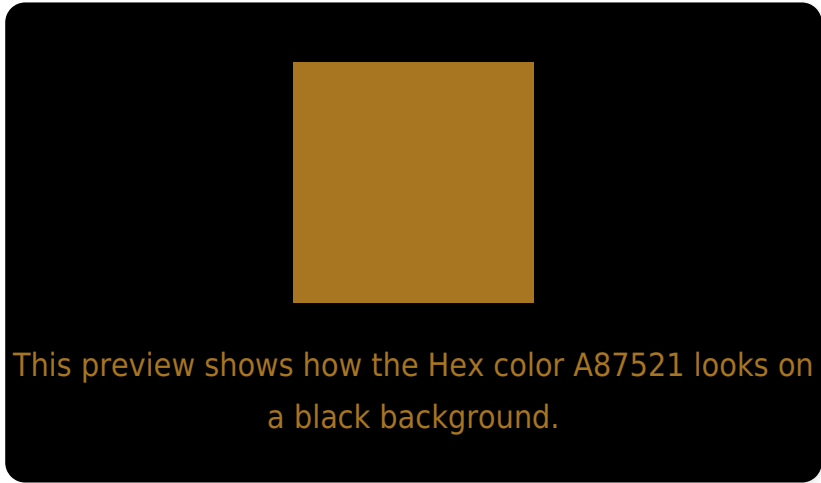
Large Text (above 18pt) WCAG AA ✓ Pass

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 A87521 Background



This preview shows how black text looks on a background with the Hex color A87521.



This preview shows how white text looks on a background with the Hex color A87521.

# 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



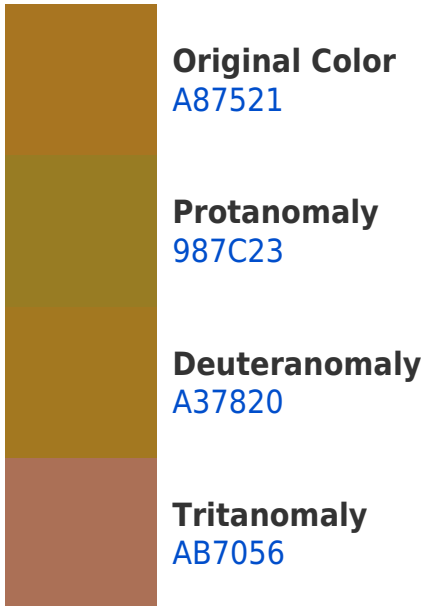
**Original Color**  
A87521

**Protanopia**  
8F8024

**Deuteranopia**  
A0791F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A87521 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 #A87521 looks like.

```
.text, #text, p{  
    color:#A87521  
}
```

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 #A87521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87521
}
```

## Border

The CSS property to change the border of an element to Hex A87521 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
#A87521 }
```

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

```
.border{ border-color:#A87521 }
```

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

Here you see how a box with a 4 pixel #A87521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87521; -webkit-box-shadow:4px 4px  
4px 4px #A87521; box-shadow:4px 4px 4px  
4px #A87521 }
```

# Background

The CSS property to change the background color of an element to Hex A87521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87521 }
```

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

```
.background{ background-color:#A87521 }
```

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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