

Converting Colors

Hex(A87D37)

Have a look what the booklet for
Hex(A87D37) contains.

Hex(A87D37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A87D37)

Conversions

Conversions Part 1

Format	Color
Hex	A87D37
RGB	168, 125, 55
RGB Percent	66%, 49%, 22%
CMY	0.3412, 0.5098, 0.7843
CMYK	0.00, 0.26, 0.67, 0.34
HSL	37°, 51%, 44%
HSV	37°, 67%, 66%
XYZ	24.1717, 23.2679, 6.8316
YIQ	129.8770, 48.0980, -12.6540

Conversions

Conversions Part 2

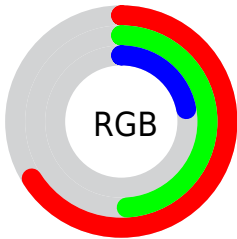
Format	Color
R_YB	124, 168, 55
Decimal	11042103
CIE _{Lab}	55.35, 9.25, 43.54
CIE _{LCh}	55, 44.512, 78.006
Yxy	23.2679, 0.4454, 0.4287
Android (android.graphics.Color)	4289232183 (0xFFA87D37)
YUV	129.8770, -36.9144, 33.4339
Hunter-Lab	48.2368, 5.0326, 25.3687

Details

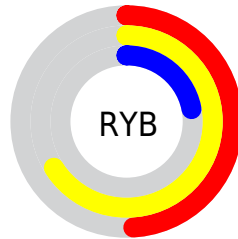
The Hex color **A87D37** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3762A8**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E2B169**, and **704C02** is the 20% darker color. If you saturate the color by 10%, you get **A87726**, and if you desaturate by 10%, it is **A88348**.

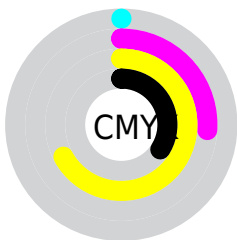
Distribution



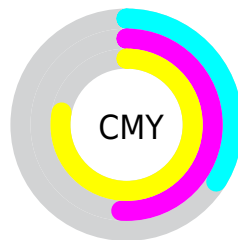
- Red (66%)
- Green (49%)
- Blue (22%)



- Red (49%)
- Yellow (66%)
- Blue (22%)



- Cyan (0%)
- Magenta (26%)
- Yellow (67%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87D37 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 A87D37 by changing the saturation by 10% instead.

 A87D37

 A87D37

FFFFFF

 8C641E

 E2B169

 704C02

 FFCD83

 563600

 FFE99E

 3B2100

 FFFFB9

 230B00

 FFFFD5

 000000

 FFFFF2

 A87D37

 A87D37

 A87726

 A88348

 A87015

 A88A59

 A86A05

 A89069

 A86800

 A8977A

 A89D8B

 A8A39C

 A8AAAD

 A8B0BD

 A8B7CE

Harmonies

Analogous

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



C26F4D



A87D37



848A37

Triad

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



A87D37



00989B



A571B9

Complementary

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



A87D37



3762A8

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.



6D80CE



A87D37



0095BD

Square

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



A87D37



009773



008DD0



C46596

Rectangle

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



A87D37



689045



008DD0



9576C2

Sweetspot

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



A87D37



DBCBAF



A83762



6E6453



EDEDED



6E6E6E

Same Dimension

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



A87D37



DB982A



9BA837



54514C



945C00



140D00

Inverse Universe

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



3762A8



2A6DDB



4437A8



4C4F54



003894



000814

Previews

White Background



This preview shows how the Hex color A87D37 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 A87D37 Background



This preview shows how black text looks on a background with the Hex color A87D37.



This preview shows how white text looks on a background with the Hex color A87D37.

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
A87D37

Protanopia
948539

Deuteranopia
A57E37

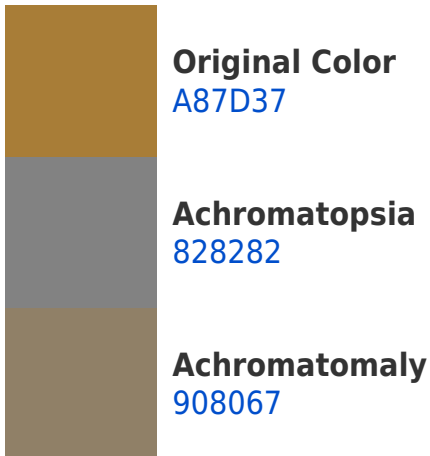


Tritanopia
AD757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87D37 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 #A87D37 looks like.

```
.text, #text, p{  
    color:#A87D37  
}
```

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 #A87D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87D37
}
```

Border

The CSS property to change the border of an element to Hex A87D37 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
#A87D37 }
```

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

```
.border{ border-color:#A87D37 }
```

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

Here you see how a box with a 4 pixel #A87D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87D37; -webkit-box-shadow:4px 4px  
4px 4px #A87D37; box-shadow:4px 4px 4px  
4px #A87D37 }
```

Background

The CSS property to change the background color of an element to Hex A87D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87D37 }
```

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

```
.background{ background-color:#A87D37 }
```

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