

Converting Colors

Hex(A86D3D)

Have a look what the booklet for
Hex(A86D3D) contains.

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Color

Hex(A86D3D)

Conversions

Conversions Part 1

Format	Color
Hex	A86D3D
RGB	168, 109, 61
RGB Percent	66%, 43%, 24%
CMY	0.3412, 0.5725, 0.7608
CMYK	0.00, 0.35, 0.64, 0.34
HSL	27°, 47%, 45%
HSV	27°, 64%, 66%
XYZ	22.4594, 19.5990, 7.0141
YIQ	121.1690, 50.5720, -2.4200

Conversions

Conversions Part 2

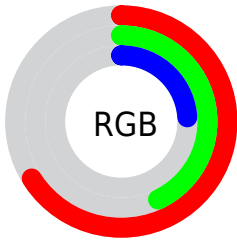
Format	Color
R_{YB}	168, 148, 61
Decimal	11038013
CIE _{Lab}	51.38, 18.68, 36.00
CIE _{LCh}	51, 40.559, 62.572
Yxy	19.5990, 0.4577, 0.3994
Android (android.graphics.Color)	4289228093 (0xFFA86D3D)
YUV	121.1690, -29.6633, 41.0708
Hunter-Lab	44.2708, 13.0825, 21.5958

Details

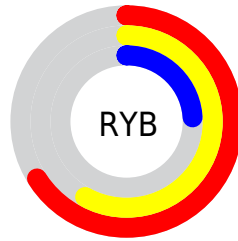
The Hex color **A86D3D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D78A8**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E2A16E**, and **703D0E** is the 20% darker color. If you saturate the color by 10%, you get **A8642C**, and if you desaturate by 10%, it is **A8764E**.

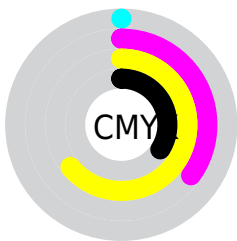
Distribution



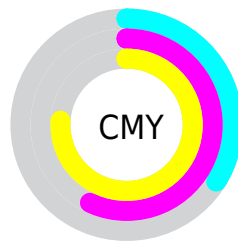
- Red (66%)
- Green (43%)
- Blue (24%)



- Red (66%)
- Yellow (58%)
- Blue (24%)



- Cyan (0%)
- Magenta (35%)
- Yellow (64%)
- Black (34%)



- Cyan (34%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color A86D3D 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 A86D3D by changing the saturation by 10% instead.

 A86D3D

 A86D3D

FFFFFF

 8C5526

 E2A16E

 703D0E

 FFBC88

 552700

 FFD8A2

 3A1200

 FFF4BE

 230000

 FFFFDA

 000000

 FFFFF6

 A86D3D

 A86D3D

 A8642C

 A8764E

 A85A1B

 A8805F

 A8510B

 A8896F

 A84B00

 A89280

 A89B91

 A8A5A2

 A8AEB3

 A8B7C3

 A8C0D4

Harmonies

Analogous

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



B96157



A86D3D



8C7A33

Triad

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



A86D3D



008C7C



8170B5

Complementary

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



A86D3D



3D78A8

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.



417DBF



A86D3D



008B9F

Square

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



A86D3D



3A8959



0086B7



A8639B

Rectangle

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



A86D3D



758038



0086B7



6F75BA

Sweetspot

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



A86D3D



DBC4B2



A83D7A



6E6054



EDEDED



6E6E6E

Same Dimension

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



A86D3D



DB7F35



A8A13D



54504C



944200



140900

Inverse Universe

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



3D78A8



3591DB



3D44A8



4C5054



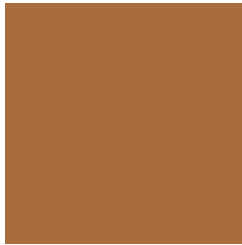
005294



000B14

Previews

White Background



This preview shows how the Hex color A86D3D looks on a white background.

Color Contrast Check

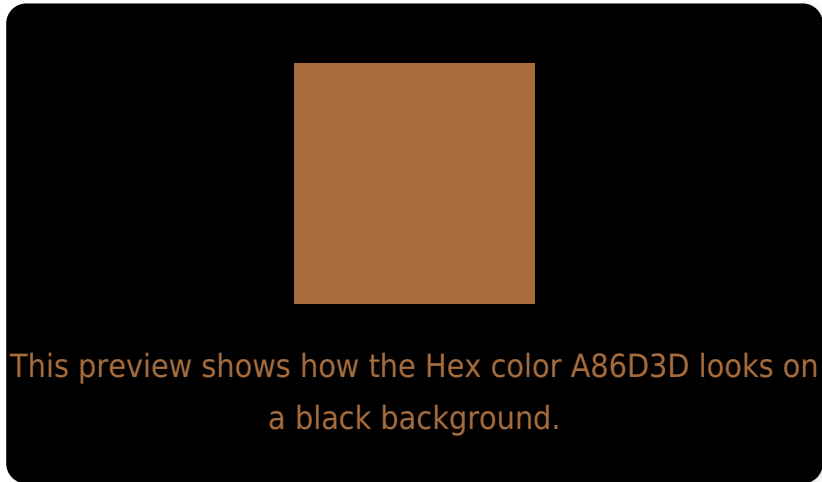
Large Text (above 18pt) WCAG AA ✓ Pass

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

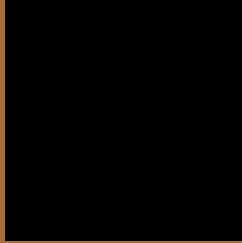
Any Text WCAG AA ✓ Pass

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 A86D3D Background



This preview shows how black text looks on a background with the Hex color A86D3D.



This preview shows how white text looks on a background with the Hex color A86D3D.

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
A86D3D

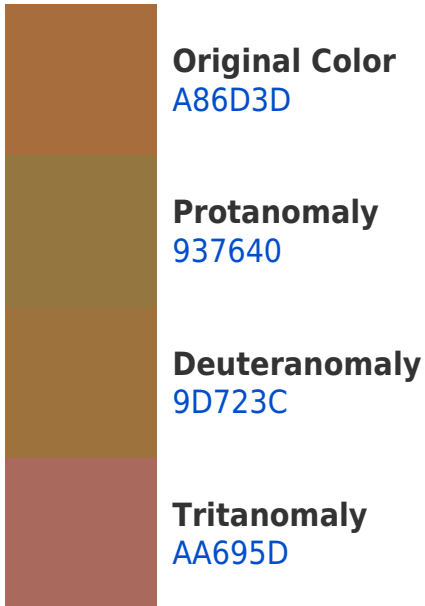
Protanopia
877B42

Deuteranopia
97753B

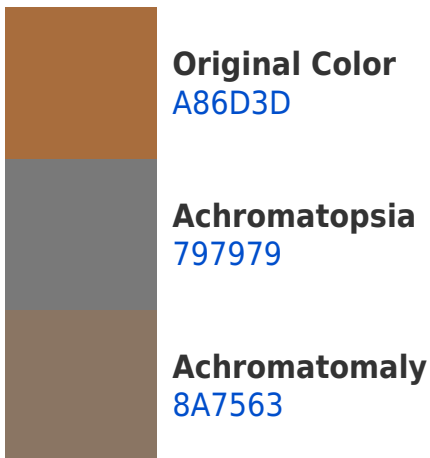


Tritanopia
AB676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A86D3D 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 #A86D3D looks like.

```
.text, #text, p{  
    color:#A86D3D  
}
```

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 #A86D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86D3D }  
}
```

Border

The CSS property to change the border of an element to Hex A86D3D 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 #A86D3D }  
}
```

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

```
.border{ border-color:#A86D3D }
```

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

Here you see how a box with a 4 pixel #A86D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86D3D; -webkit-box-shadow:4px 4px  
4px 4px #A86D3D; box-shadow:4px 4px 4px  
4px #A86D3D }
```

Background

The CSS property to change the background color of an element to Hex A86D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86D3D }
```

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

```
.background{ background-color:#A86D3D }
```

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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