

Converting Colors

Hex(A86946)

Have a look what the booklet for
Hex(A86946) contains.

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Color

Hex(A86946)

Conversions

Conversions Part 1

Format	Color
Hex	A86946
RGB	168, 105, 70
RGB Percent	66%, 41%, 27%
CMY	0.3412, 0.5882, 0.7255
CMYK	0.00, 0.38, 0.58, 0.34
HSL	21°, 41%, 47%
HSV	21°, 58%, 66%
XYZ	22.3055, 18.8702, 8.2610
YIQ	119.8470, 48.7830, 2.4710

Conversions

Conversions Part 2

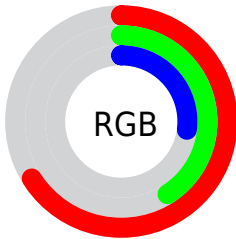
Format	Color
R_{YB}	168, 124, 70
Decimal	11036998
CIE Lab	50.53, 21.62, 30.05
CIE LCh	51, 37.017, 54.262
Yxy	18.8702, 0.4512, 0.3817
Android (android.graphics.Color)	4289227078 (0xFFA86946)
YUV	119.8470, -24.5746, 42.2302
Hunter-Lab	43.4398, 15.6367, 19.1326

Details

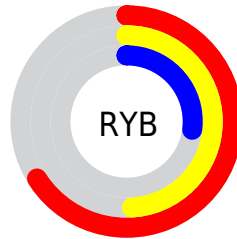
The Hex color **A86946** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4685A8**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E29D77**, and **703919** is the 20% darker color. If you saturate the color by 10%, you get **A85E35**, and if you desaturate by 10%, it is **A87457**.

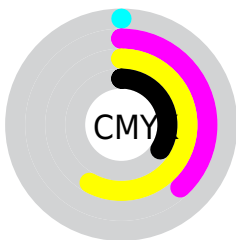
Distribution



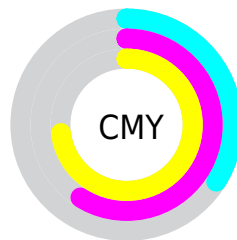
- Red (66%)
- Green (41%)
- Blue (27%)



- Red (66%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (58%)
- Black (34%)



- Cyan (34%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color A86946 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 A86946 by changing the saturation by 10% instead.

 A86946

 A86946

FFFFFF

 8C512F

 E29D77

 703919

 FF891

 552300

 FFD3AC

 3B0D00

 FFF0C7

 240001

 FFFF3

 000000

 A86946

 A86946

 A85E35

 A87457

 A85324

 A87F68

 A84914

 A88978

 A83E03

 A89489

 A83C00

 A89F9A

 A8AAAB

 A8B5BC

 A8BFCC

 A8CADD

Harmonies

Analogous

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



B46060



A86946



917438

Triad

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



A86946



068871



7172B2

Complementary

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



A86946



4685A8

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.



337DB7



A86946



008891

Square

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



A86946



4C8552



0085AB



9A669E

Rectangle

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



A86946



7D7B39



0085AB



6076B5

Sweetspot

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



A86946



DBC2B4



A84686



6E5E56



EDEDED



6E6E6E

Same Dimension

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



A86946



DB7942



A89946



544F4C



943500



140700

Inverse Universe

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



4685A8



42A4DB



4655A8



4C5154



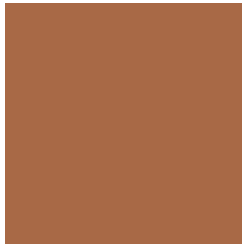
005F94



000D14

Previews

White Background



This preview shows how the Hex color A86946 looks on a white background.

Color Contrast Check

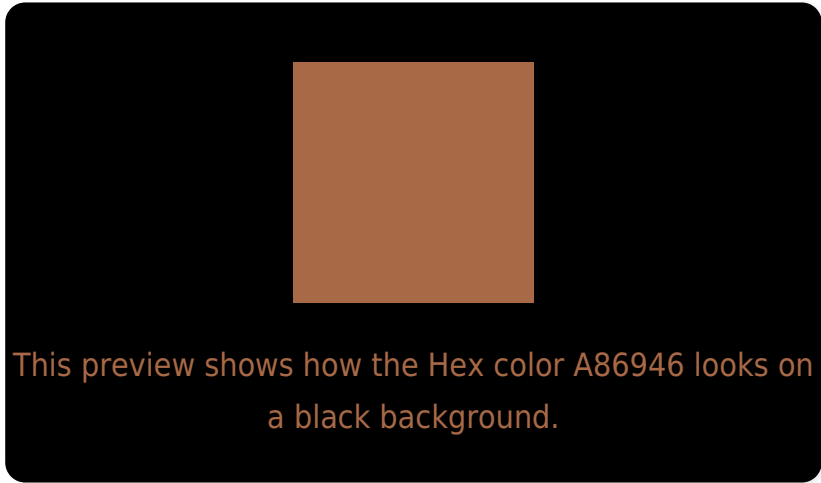
Large Text (above 18pt) WCAG AA ✓ Pass

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

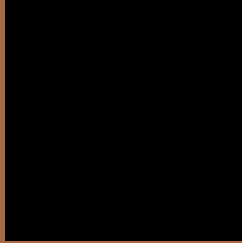
Any Text WCAG AA ✓ Pass

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 A86946 Background



This preview shows how black text looks on a background with the Hex color A86946.



This preview shows how white text looks on a background with the Hex color A86946.

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
A86946

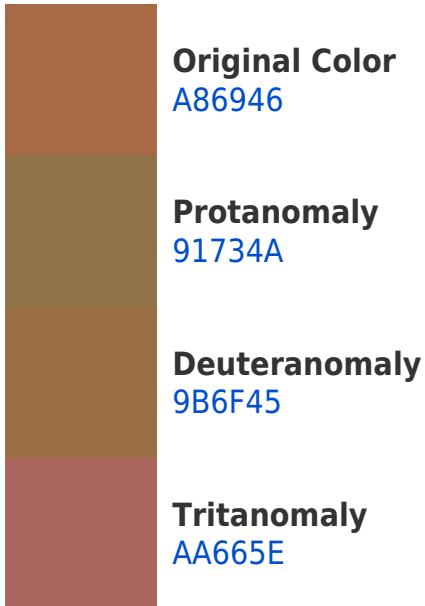
Protanopia
84794C

Deuteranopia
937344

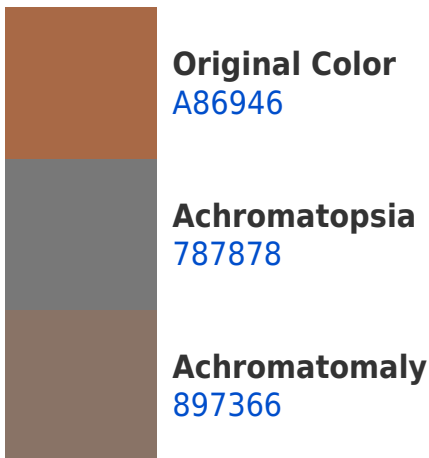


Tritanopia
AB646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A86946 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 #A86946 looks like.

```
.text, #text, p{  
    color:#A86946  
}
```

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 #A86946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86946
}
```

Border

The CSS property to change the border of an element to Hex A86946 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
#A86946 }
```

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

```
.border{ border-color:#A86946 }
```

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

Here you see how a box with a 4 pixel #A86946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86946; -webkit-box-shadow:4px 4px  
4px 4px #A86946; box-shadow:4px 4px 4px  
4px #A86946 }
```

Background

The CSS property to change the background color of an element to Hex A86946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86946 }
```

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

```
.background{ background-color:#A86946 }
```

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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