

Converting Colors

Hex(A6876A)

Have a look what the booklet for
Hex(A6876A) contains.

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Color

Hex(A6876A)

Conversions

Conversions Part 1

Format	Color
Hex	A6876A
RGB	166, 135, 106
RGB Percent	65%, 53%, 42%
CMY	0.3490, 0.4706, 0.5843
CMYK	0.00, 0.19, 0.36, 0.35
HSL	29°, 25%, 53%
HSV	29°, 36%, 65%
XYZ	26.9914, 26.4755, 17.3234
YIQ	140.9630, 27.7850, -2.4470

Conversions

Conversions Part 2

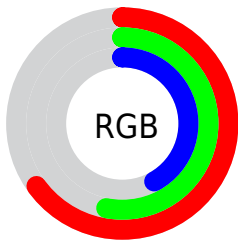
Format	Color
RYB	166, 162, 106
Decimal	10913642
CIELab	58.49, 7.59, 20.05
CIELCh	58, 21.439, 69.267
Yxy	26.4755, 0.3813, 0.3740
Android (android.graphics.Color)	4289103722 (0xFFA6876A)
YUV	140.9630, -17.2368, 21.9574
Hunter-Lab	51.4544, 3.5904, 16.0567

Details

The Hex color **A6876A** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6A89A6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **DEBC9D**, and **71553A** is the 20% darker color. If you saturate the color by 10%, you get **A67E59**, and if you desaturate by 10%, it is **A6907B**.

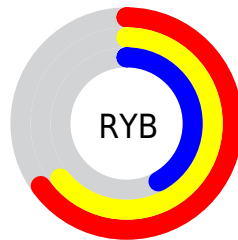
Distribution



Red (65%)

Green (53%)

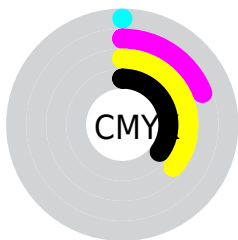
Blue (42%)



Red (65%)

Yellow (64%)

Blue (42%)

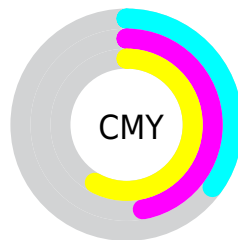


Cyan (0%)

Magenta (19%)

Yellow (36%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6876A 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 A6876A by changing the saturation by 10% instead.


 A6876A

 A6876A

FFFFFF

 8B6E52

 DEBC9D

 71553A

 FBD8B8

 573E24

 FFF4D4

 3F2810

 FFFFF1

 281400

 030000

 000000

 A6876A

 A6876A

 A67E59

 A6907B

 A67649

 A6988B

 A66D38

 A6A19C

 A66528

 A6A9AC

 A65C17

 A6B2BD

 A65406

 A6BACE

 A65000

 A6C3DE

 A6CCEF

 A6D4FF

Harmonies

Analogous

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



B18276



A6876A



958D68

Triad

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



A6876A



5A9792



9786AA

Complementary

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



A6876A



6A89A6

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.



7E8CB1



A6876A



5696A4

Square

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



A6876A



6A967F



6592AF



AA819A

Rectangle

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



A6876A



87916C



6592AF



8F88AD

Sweetspot

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



A6876A



D9CCC1



A66A89



6E665F



EDEDED



6E6E6E

Same Dimension

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



A6876A



D9A97C



A6A56A



54504C



944700



140A00

Inverse Universe

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



6A89A6



7CACD9



6A6BA6



4C5054



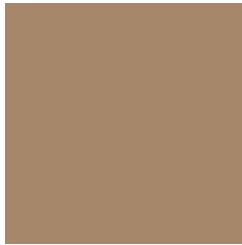
004C94



000B14

Previews

White Background



This preview shows how the Hex color A6876A looks on a white background.

Color Contrast Check

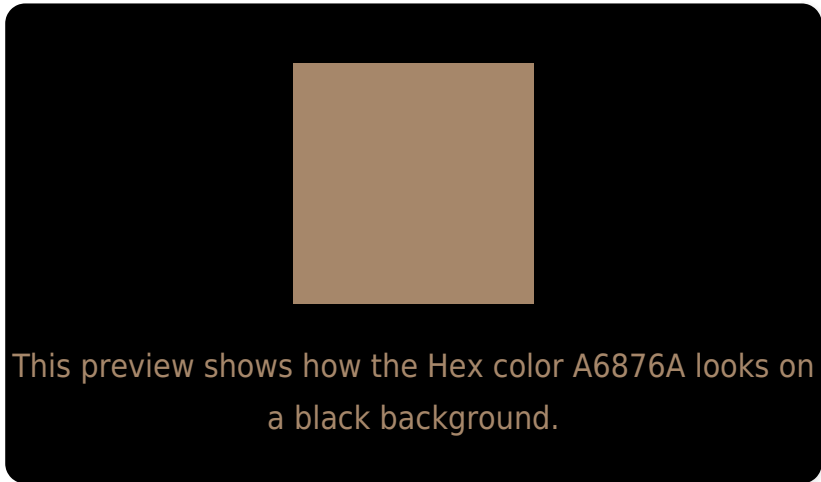
Large Text (above 18pt) WCAG AA ✓ Pass

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

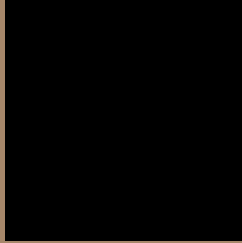
Any Text WCAG AA ✓ Pass

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 A6876A Background



This preview shows how black text looks on a background with the Hex color A6876A.

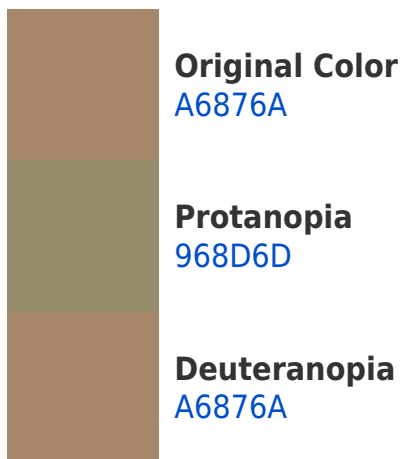



This preview shows how white text looks on a background with the Hex color A6876A.

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





Tritanopia
AA828C

Trichromacy



Original Color

A6876A

Protanomaly

9C8B6C

Deuteranomaly

A6876A

Tritanomaly

A98480

Monochromacy



Original Color

A6876A

Achromatopsia

8D8D8D

Achromatomaly

968B80

CSS Examples

Text

The CSS property to change the color of the text to Hex A6876A 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 #A6876A looks like.

```
.text, #text, p{  
  color:#A6876A  
}
```

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 #A6876A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6876A
}
```

Border

The CSS property to change the border of an element to Hex A6876A 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
#A6876A }
```

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

```
.border{ border-color:#A6876A }
```

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

Here you see how a box with a 4 pixel #A6876A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6876A; -webkit-box-shadow:4px 4px  
4px 4px #A6876A; box-shadow:4px 4px 4px  
4px #A6876A }
```

Background

The CSS property to change the background color of an element to Hex A6876A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6876A }
```

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

```
.background{ background-color:#A6876A }
```

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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