

Converting Colors

Hex(A6683A)

Have a look what the booklet for
Hex(A6683A) contains.

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Color

Hex(A6683A)

Conversions

Conversions Part 1

Format	Color
Hex	A6683A
RGB	166, 104, 58
RGB Percent	65%, 41%, 23%
CMY	0.3490, 0.5922, 0.7725
CMYK	0.00, 0.37, 0.65, 0.35
HSL	26°, 48%, 44%
HSV	26°, 65%, 65%
XYZ	21.4399, 18.3131, 6.4078
YIQ	117.2940, 51.7180, -1.1620

Conversions

Conversions Part 2

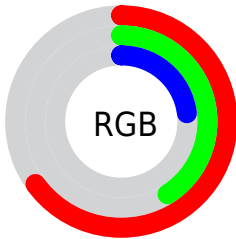
Format	Color
R_{YB}	166, 138, 58
Decimal	10905658
CIE _{Lab}	49.87, 20.43, 35.78
CIE _{LCh}	50, 41.203, 60.276
Yxy	18.3131, 0.4645, 0.3967
Android (android.graphics.Color)	4289095738 (0xFFA6683A)
YUV	117.2940, -29.2319, 42.7152
Hunter-Lab	42.7938, 14.5402, 21.0778

Details

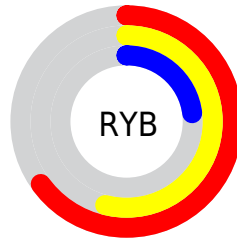
The Hex color **A6683A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A78A6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E09B6B**, and **6E380B** is the 20% darker color. If you saturate the color by 10%, you get **A65E29**, and if you desaturate by 10%, it is **A6724B**.

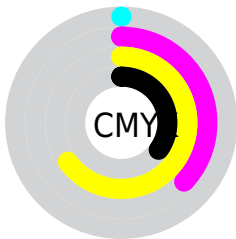
Distribution



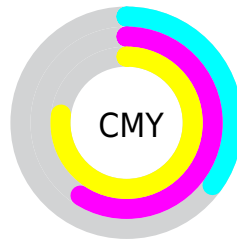
- Red (65%)
- Green (41%)
- Blue (23%)



- Red (65%)
- Yellow (54%)
- Blue (23%)



- Cyan (0%)
- Magenta (37%)
- Yellow (65%)
- Black (35%)



- Cyan (35%)
- Magenta (59%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6683A 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 A6683A by changing the saturation by 10% instead.

 A6683A

 A6683A

FFFFFF

 8A5023

 E09B6B

 6E380B

 FEB684

 532200

 FFD29F

 380D00

 FFEFBA

 220001

 FFFFD6

 000000

 FFFFF2

 A6683A

 A6683A

 A65E29

 A6724B

 A65519

 A67B5B

 A64B08

 A6856C

 A64700

 A68E7C

 A6988D

 A6A19E

 A6ABAE

 A6B4BF

 A6BECF

Harmonies

Analogous

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



B65C55



A6683A



8A752E

Triad

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



A6683A



008876



796DB3

Complementary

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



A6683A



3A78A6

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.



327ABC



A6683A



008899

Square

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



A6683A



388552



0083B3



A2609A

Rectangle

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



A6683A



747C32



0083B3



6672B8

Sweetspot

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



A6683A



D9C0AD



A63A79



6E5F53



EDEDED



6E6E6E

Same Dimension

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



A6683A



D97830



A69D3A



544F4C



943F00



140900

Inverse Universe

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



3A78A6



3091D9



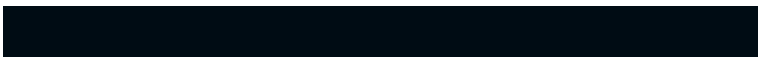
3A43A6



4C5154



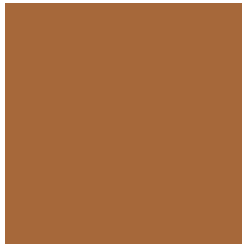
005594



000C14

Previews

White Background



This preview shows how the Hex color A6683A looks on a white background.

Color Contrast Check

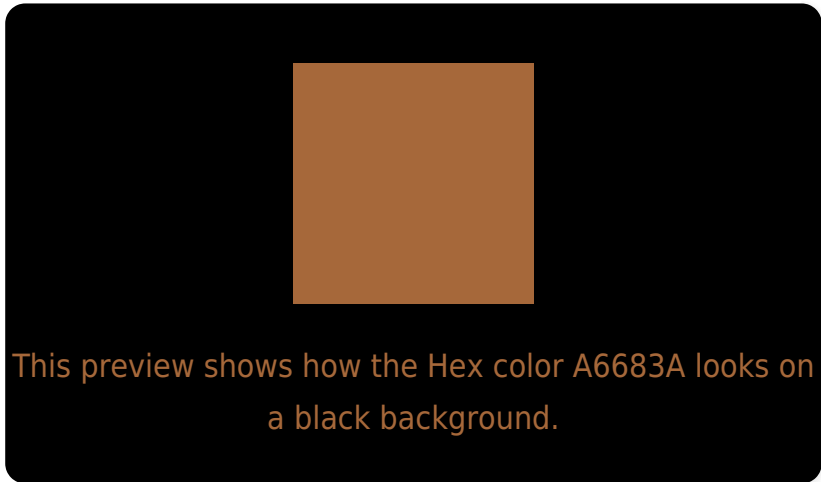
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

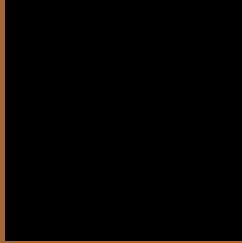
Any Text WCAG AA ✓ Pass

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 A6683A Background



This preview shows how black text looks on a background with the Hex color A6683A.



This preview shows how white text looks on a background with the Hex color A6683A.

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
A6683A

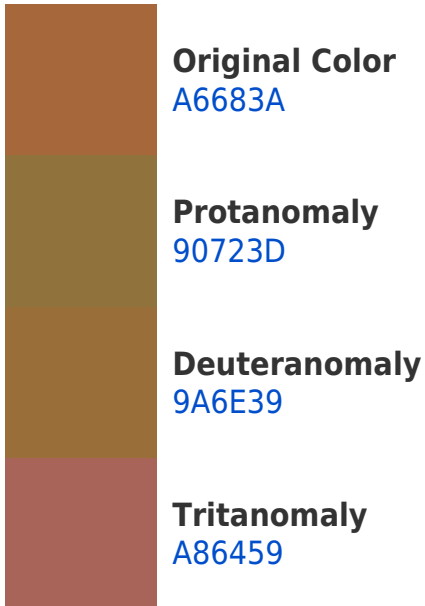
Protanopia
83773F

Deuteranopia
937138

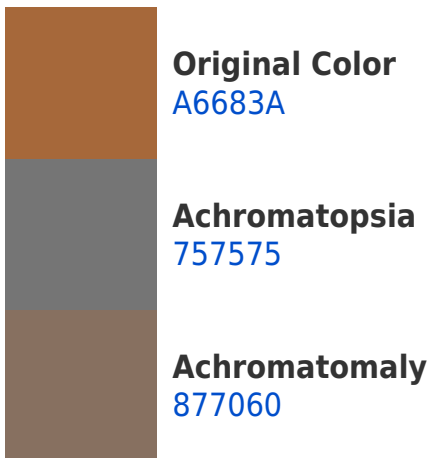


Tritanopia
A9626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6683A 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 #A6683A looks like.

```
.text, #text, p{  
    color:#A6683A  
}
```

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 #A6683A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6683A
}
```

Border

The CSS property to change the border of an element to Hex A6683A 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
#A6683A }
```

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

```
.border{ border-color:#A6683A }
```

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

Here you see how a box with a 4 pixel #A6683A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6683A; -webkit-box-shadow:4px 4px  
4px 4px #A6683A; box-shadow:4px 4px 4px  
4px #A6683A }
```

Background

The CSS property to change the background color of an element to Hex A6683A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6683A }
```

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

```
.background{ background-color:#A6683A }
```

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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