

# Converting Colors

Hex(A4613D)

Have a look what the booklet for  
Hex(A4613D) contains.

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**Color**

**Hex(A4613D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4613D
RGB	164, 97, 61
RGB Percent	64%, 38%, 24%
CMY	0.3569, 0.6196, 0.7608
CMYK	0.00, 0.41, 0.63, 0.36
HSL	21°, 46%, 44%
HSV	21°, 63%, 64%
XYZ	20.4268, 16.7788, 6.5769
YIQ	112.9290, 51.4880, 3.0080

# Conversions

## Conversions Part 2

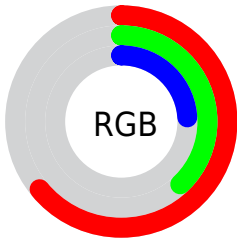
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 116, 61
Decimal	10772797
CIELab	47.98, 23.72, 31.84
CIElCh	48, 39.702, 53.314
Yxy	16.7788, 0.4666, 0.3832
Android (android.graphics.Color)	4288962877 (0xFFA4613D)
YUV	112.9290, -25.6010, 44.7893
Hunter-Lab	40.9620, 17.3306, 19.1537

# Details

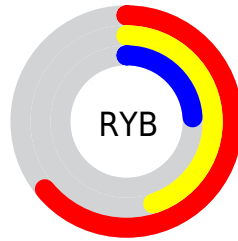
The Hex color **A4613D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D80A4**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **DE946D**, and **6C3110** is the 20% darker color. If you saturate the color by 10%, you get **A4562D**, and if you desaturate by 10%, it is **A46C4D**.

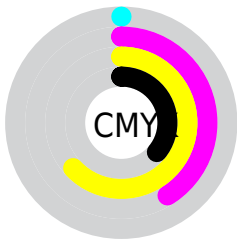
# Distribution



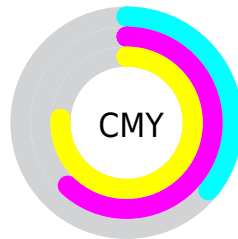
- Red (64%)
- Green (38%)
- Blue (24%)



- Red (64%)
- Yellow (45%)
- Blue (24%)



- Cyan (0%)
- Magenta (41%)
- Yellow (63%)
- Black (36%)



- Cyan (36%)
- Magenta (62%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4613D 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 A4613D by changing the saturation by 10% instead.



 A4613D

 A4613D


FFFFFF

 884926

 DE946D

 6C3110

 FCAF87

 511B00

 FFCBA1

 360500

 FFE7BD

 1C0001

 FFFFD9

 000000

 FFFFF5

 A4613D

 A4613D

 A4562D

 A46C4D

 A44C1C

 A4765E

 A4410C

 A4816E

 A43900

 A48C7F

 A4968F

 A4A19F

 A4ACB0

 A4B6C0

 A4C1D1

# Harmonies

## Analogous

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



B05759



A4613D



8C6D2D

# Triad

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



A4613D



008269



686CAF

# Complementary

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



A4613D



3D80A4

# 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.



1178B4



A4613D



00828B

# Square

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



A4613D



437F48



007FA7



945F9A

# Rectangle

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



A4613D



77752D



007FA7



5470B3



# Sweetspot

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



A4613D



D6BCAE



A43D82



6B5B52



EBEBEB



6B6B6B



# Same Dimension

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



A4613D



D66E36



A4933D



524C49



913300



120600



# Inverse Universe

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



3D80A4



369ED6



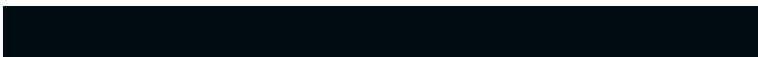
3D4EA4



494F52



005F91

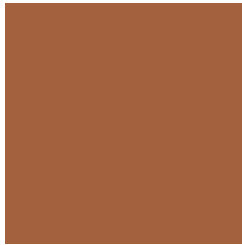


000C12



# Previews

## White Background



This preview shows how the Hex color A4613D looks on a white background.

## Color Contrast Check

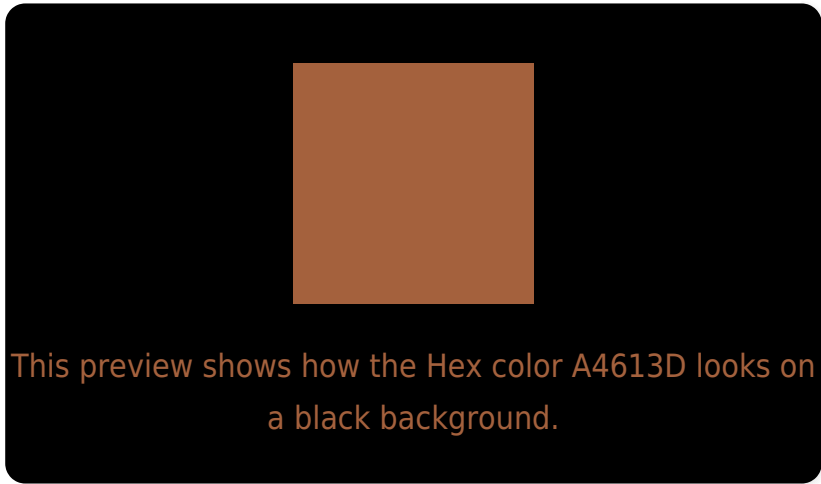
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

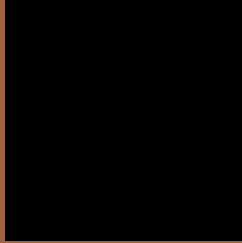
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4613D Background



This preview shows how black text looks on a background with the Hex color A4613D.



This preview shows how white text looks on a background with the Hex color A4613D.

# 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**  
A4613D

**Protanopia**  
7D7243

**Deuteranopia**  
8D6D3A



**Tritanopia**  
A65C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4613D 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 #A4613D looks like.

```
.text, #text, p{  
    color:#A4613D  
}
```

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 #A4613D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4613D
}
```

## Border

The CSS property to change the border of an element to Hex A4613D 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
#A4613D }
```

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

```
.border{ border-color:#A4613D }
```

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

Here you see how a box with a 4 pixel #A4613D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4613D; -webkit-box-shadow:4px 4px  
4px 4px #A4613D; box-shadow:4px 4px 4px  
4px #A4613D }
```

# Background

The CSS property to change the background color of an element to Hex A4613D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4613D }
```

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

```
.background{ background-color:#A4613D }
```

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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