

# Converting Colors

Hex(A3723D)

Have a look what the booklet for  
Hex(A3723D) contains.

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**Color**

**Hex(A3723D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3723D
RGB	163, 114, 61
RGB Percent	64%, 45%, 24%
CMY	0.3608, 0.5529, 0.7608
CMYK	0.00, 0.30, 0.63, 0.36
HSL	31°, 46%, 44%
HSV	31°, 63%, 64%
XYZ	21.9639, 20.1581, 7.1482
YIQ	122.6090, 46.2170, -6.0950

# Conversions

## Conversions Part 2

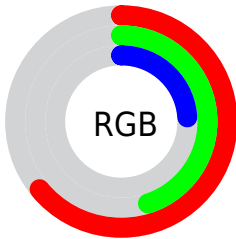
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 163, 61
Decimal	10711613
CIELab	52.02, 13.66, 36.59
CIElCh	52, 39.052, 69.531
Yxy	20.1581, 0.4458, 0.4091
Android (android.graphics.Color)	4288901693 (0xFFA3723D)
YUV	122.6090, -30.3732, 35.4229
Hunter-Lab	44.8978, 8.7507, 21.9889

# Details

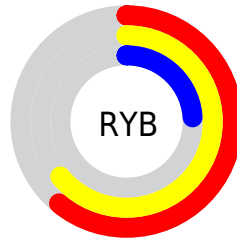
The Hex color **A3723D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D6EA3**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **DDA66E**, and **6C420E** is the 20% darker color. If you saturate the color by 10%, you get **A36A2D**, and if you desaturate by 10%, it is **A37A4D**.

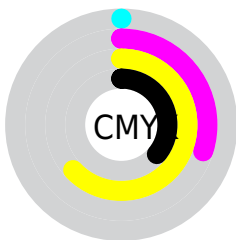
# Distribution



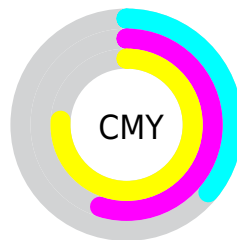
- Red (64%)
- Green (45%)
- Blue (24%)



- Red (61%)
- Yellow (64%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (63%)
- Black (36%)



- Cyan (36%)
- Magenta (55%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3723D 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 A3723D by changing the saturation by 10% instead.



 A3723D

 A3723D

FFFFFF

 875926

 DDA66E

 6C420E

 FAC188

 512C00

 FFDDA3

 371700

 FFF9BE

 200000

 FFFFDA

 000000

 FFFFF7

 A3723D

 A3723D

 A36A2D

 A37A4D

 A3621C

 A3825E

 A35B0C

 A3896E

 A35500

 A3917E

 A3998F

 A3A19F

 A3A9AF

 A3B1BF

 A3B8D0

# Harmonies

## Analogous

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



B66653



A3723D



867E38

# Triad

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



A3723D



008D86



8D6FB0

# Complementary

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



A3723D



3D6EA3

# 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.



587CBE



A3723D



008CA6

# Square

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



A3723D



318B63



0086BA



AE6494

# Rectangle

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



A3723D



6E8440



0086BA



7D73B6



# Sweetspot

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



A3723D



D4C0AB



A33D6E



6B5F52



EBEBEB



6B6B6B



# Same Dimension

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



A3723D



D48735



A1A33D



524E49



914C00



120900



# Inverse Universe

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



3D6EA3



3581D4



3F3DA3



494D52



004691

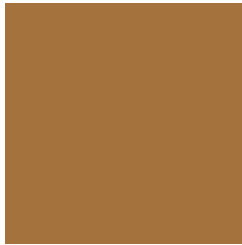


000912



# Previews

## White Background



This preview shows how the Hex color A3723D 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 A3723D Background



This preview shows how black text looks on a background with the Hex color A3723D.



This preview shows how white text looks on a background with the Hex color A3723D.

# 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**  
A3723D

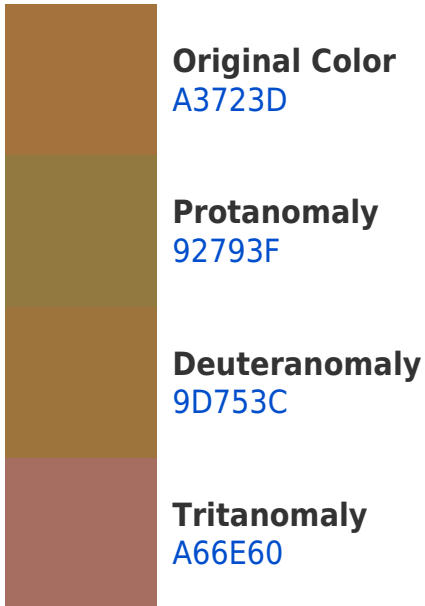
**Protanopia**  
897D40

**Deuteranopia**  
99763C

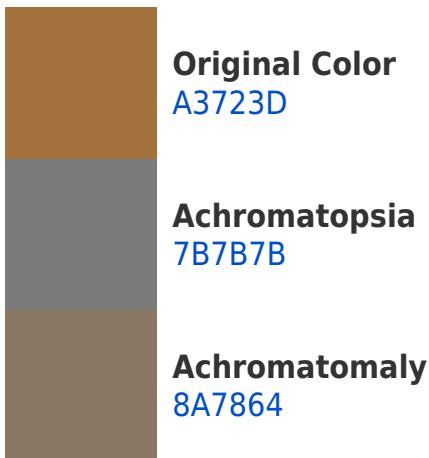


**Tritanopia**  
A76C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3723D 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 #A3723D looks like.

```
.text, #text, p{  
    color:#A3723D  
}
```

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 #A3723D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3723D
}
```

## Border

The CSS property to change the border of an element to Hex A3723D 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
#A3723D }
```

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

```
.border{ border-color:#A3723D }
```

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

Here you see how a box with a 4 pixel #A3723D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3723D; -webkit-box-shadow:4px 4px  
4px 4px #A3723D; box-shadow:4px 4px 4px  
4px #A3723D }
```

# Background

The CSS property to change the background color of an element to Hex A3723D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3723D }
```

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

```
.background{ background-color:#A3723D }
```

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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