

# Converting Colors

Hex(A0603D)

Have a look what the booklet for  
Hex(A0603D) contains.

<b>Hex(A0603D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A0603D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0603D
RGB	160, 96, 61
RGB Percent	63%, 38%, 24%
CMY	0.3725, 0.6235, 0.7608
CMYK	0.00, 0.40, 0.62, 0.37
HSL	21°, 45%, 43%
HSV	21°, 62%, 63%
XYZ	19.5224, 16.1762, 6.5083
YIQ	111.1460, 49.3790, 2.6830

# Conversions

## Conversions Part 2

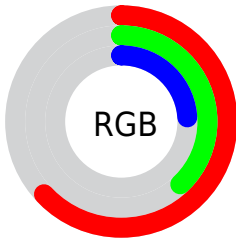
Format	Color
R <sub>Y</sub> B	160, 115, 61
Decimal	10510397
CIE Lab	47.20, 22.57, 30.78
CIE LCh	47, 38.167, 53.740
Yxy	16.1762, 0.4625, 0.3833
Android (android.graphics.Color)	4288700477 (0xFFA0603D)
YUV	111.1460, -24.7220, 42.8450
Hunter-Lab	40.2197, 16.2582, 18.5596

# Details

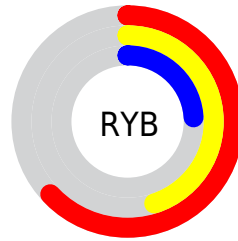
The Hex color **A0603D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D7DA0**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **DA936D**, and **683110** is the 20% darker color. If you saturate the color by 10%, you get **A0562D**, and if you desaturate by 10%, it is **A06A4D**.

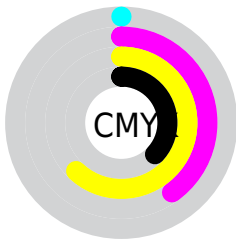
# Distribution



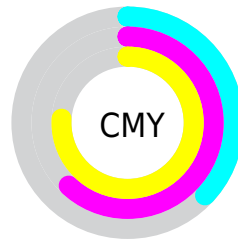
- Red (63%)
- Green (38%)
- Blue (24%)



- Red (63%)
- Yellow (45%)
- Blue (24%)



- Cyan (0%)
- Magenta (40%)
- Yellow (62%)
- Black (37%)



- Cyan (37%)
- Magenta (62%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0603D 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 A0603D by changing the saturation by 10% instead.



 A0603D

 A0603D

FFFFFF

 844826

 DA936D

 683110

 F8AE87

 4E1A00

 FFC9A1

 330500

 FFE6BD

 170000

 FFFFD8

 000000

 FFFFF5

 A0603D

 A0603D

 A0562D

 A06A4D

 A04B1D

 A0755D

 A0410D

 A07F6D

 A03900

 A0897D

 A0948D

 A09E9D

 A0A8AD

 A0B3BD

 A0BDCD

# Harmonies

## Analogous

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



AC5658



A0603D



896C2E

# Triad

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



A0603D



008068



676AAB

# Complementary

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



A0603D



3D7DA0

# 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.



1C75AF



A0603D



008089

# Square

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



A0603D



437C49



007DA3



915E96

# Rectangle

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



A0603D



74732F



007DA3



546EAE



# Sweetspot

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



A0603D



D1B7A9



A03D7D



695951



E8E8E8



696969



# Same Dimension

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



A0603D



D16D36



A0913D



4F4A47



8F3200



0F0500



# Inverse Universe

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



3D7DA0



369AD1



3D4CA0



474C4F



005C8F

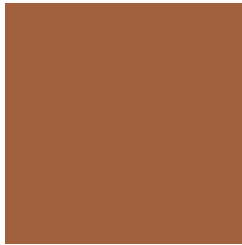


000A0F



# Previews

## White Background



This preview shows how the Hex color A0603D looks on a white background.

## Color Contrast Check

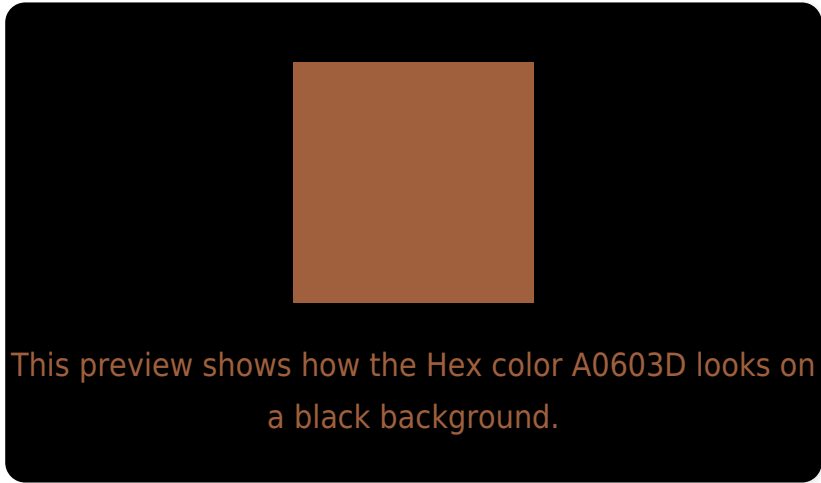
Large Text (above 18pt) WCAG AA ✓ Pass

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

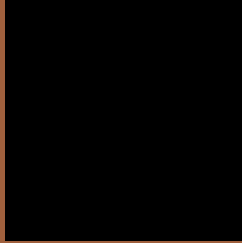
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A0603D Background



This preview shows how black text looks on a background with the Hex color A0603D.



This preview shows how white text looks on a background with the Hex color A0603D.

# 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**  
A0603D

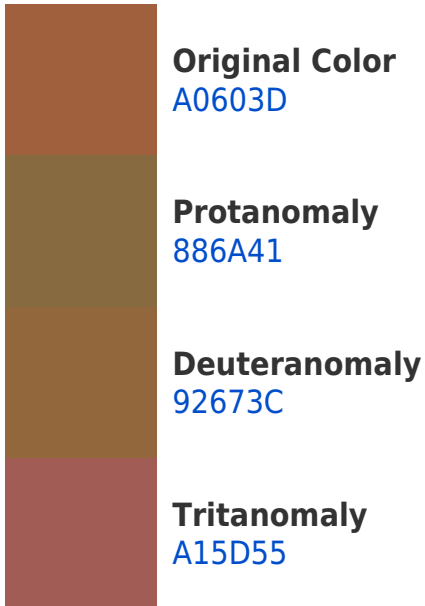
**Protanopia**  
7B7043

**Deuteranopia**  
8A6B3B

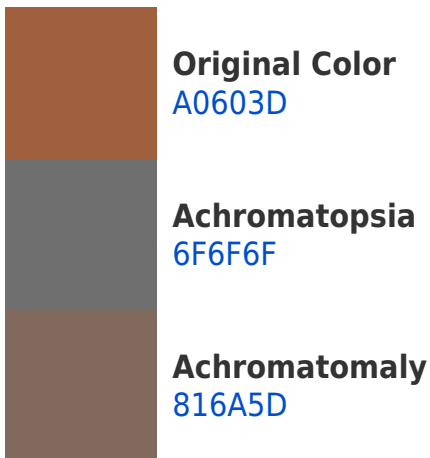


**Tritanopia**  
A25B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0603D 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 #A0603D looks like.

```
.text, #text, p{  
    color:#A0603D  
}
```

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 #A0603D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0603D
}
```

## Border

The CSS property to change the border of an element to Hex A0603D 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
#A0603D }
```

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

```
.border{ border-color:#A0603D }
```

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

Here you see how a box with a 4 pixel #A0603D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0603D; -webkit-box-shadow:4px 4px  
4px 4px #A0603D; box-shadow:4px 4px 4px  
4px #A0603D }
```

# Background

The CSS property to change the background color of an element to Hex A0603D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0603D }
```

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

```
.background{ background-color:#A0603D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor