

# Converting Colors

Hex(A2643D)

Have a look what the booklet for  
Hex(A2643D) contains.

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# Color

**Hex(A2643D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2643D
RGB	162, 100, 61
RGB Percent	64%, 39%, 24%
CMY	0.3647, 0.6078, 0.7608
CMYK	0.00, 0.38, 0.62, 0.36
HSL	23°, 45%, 44%
HSV	23°, 62%, 64%
XYZ	20.2998, 17.1326, 6.6519
YIQ	114.0920, 49.4710, 1.0150

# Conversions

## Conversions Part 2

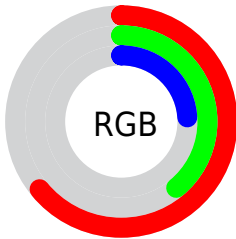
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 125, 61
Decimal	10642493
CIELab	48.43, 21.17, 32.31
CIELCh	48, 38.630, 56.765
Yxy	17.1326, 0.4605, 0.3886
Android (android.graphics.Color)	4288832573 (0xFFA2643D)
YUV	114.0920, -26.1744, 42.0153
Hunter-Lab	41.3916, 15.1068, 19.4458

# Details

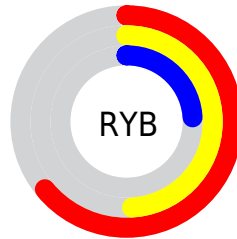
The Hex color **A2643D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D7BA2**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **DC976E**, and **6A3510** is the 20% darker color. If you saturate the color by 10%, you get **A25A2D**, and if you desaturate by 10%, it is **A26E4D**.

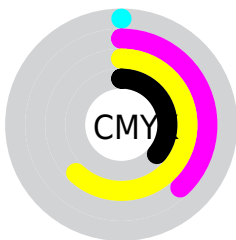
# Distribution



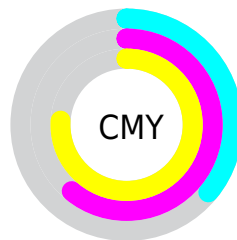
- Red (64%)
- Green (39%)
- Blue (24%)



- Red (64%)
- Yellow (49%)
- Blue (24%)



- Cyan (0%)
- Magenta (38%)
- Yellow (62%)
- Black (36%)



- Cyan (36%)
- Magenta (61%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2643D 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 A2643D by changing the saturation by 10% instead.



 A2643D

 A2643D

FFFFFF

 864C26

 DC976E

 6A3510

 FAB287

 501E00

 FFCEA2

 350900

 FFEABD

 1C0001

 FFFFD9

 000000

 FFFFF5

 A2643D

 A2643D

 A25A2D

 A26E4D

 A2501D

 A2785D

 A2460C

 A2826E

 A23F00

 A28C7E

 A2968E

 A2A09E

 A2AAAE

 A2B4BF

 A2BECF

# Harmonies

## Analogous

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



AF5A57



A2643D



897030

# Triad

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



A2643D



00836E



706CAD

# Complementary

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



A2643D



3D7BA2

# 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.



2B78B4



A2643D



00838F

# Square

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



A2643D



40804E



007FA9



985F97

# Rectangle

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



A2643D



747732



007FA9



5D70B1



# Sweetspot

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



A2643D



D4BBAB



A23D7B



6B5C52



EBEBEB



6B6B6B



# Same Dimension

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



A2643D



D47235



A2963D



524D49



913800



120700



# Inverse Universe

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



3D7BA2



3596D4



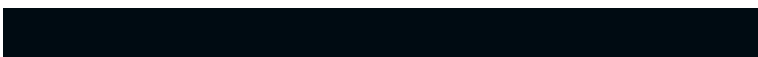
3D49A2



494E52



005991



000B12



# Previews

## White Background



This preview shows how the Hex color A2643D looks on a white background.

## Color Contrast Check

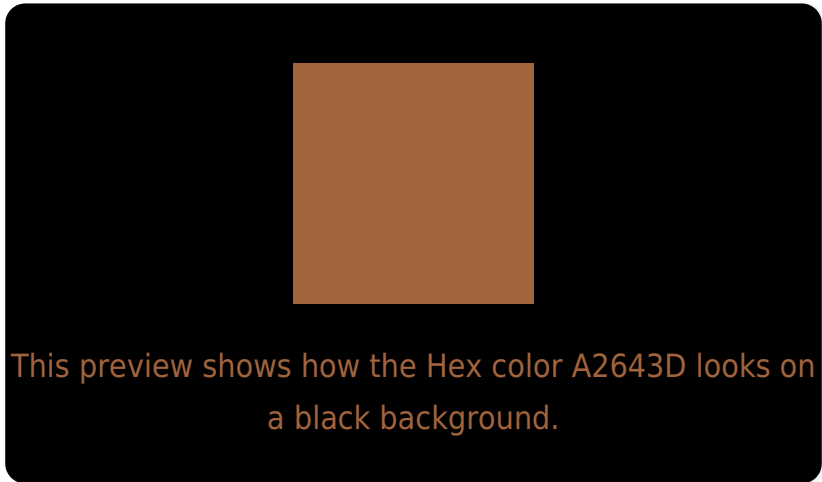
Large Text (above 18pt) WCAG AA ✓ Pass

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

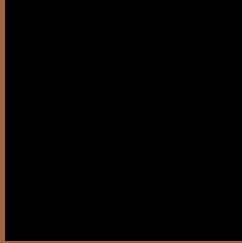
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A2643D Background



This preview shows how black text looks on a background with the Hex color A2643D.



This preview shows how white text looks on a background with the Hex color A2643D.

# 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**  
A2643D

**Protanopia**  
7F7342

**Deuteranopia**  
8E6E3B



**Tritanopia**  
A55F66

# Trichromacy



**Original Color**  
A2643D

**Protanomaly**  
8C6E40

**Deuteranomaly**  
956A3C

**Tritanomaly**  
A46157

# Monochromacy



**Original Color**  
A2643D

**Achromatopsia**  
727272

**Achromatomaly**  
836D5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2643D 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 #A2643D looks like.

```
.text, #text, p{  
    color:#A2643D  
}
```

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 #A2643D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2643D
}
```

## Border

The CSS property to change the border of an element to Hex A2643D 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
#A2643D }
```

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

```
.border{ border-color:#A2643D }
```

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

Here you see how a box with a 4 pixel #A2643D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2643D; -webkit-box-shadow:4px 4px  
4px 4px #A2643D; box-shadow:4px 4px 4px  
4px #A2643D }
```

# Background

The CSS property to change the background color of an element to Hex A2643D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2643D }
```

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

```
.background{ background-color:#A2643D }
```

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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