

# Converting Colors

Hex(A2736C)

Have a look what the booklet for  
Hex(A2736C) contains.

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**Color**

**Hex(A2736C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2736C
RGB	162, 115, 108
RGB Percent	64%, 45%, 42%
CMY	0.3647, 0.5490, 0.5765
CMYK	0.00, 0.29, 0.33, 0.36
HSL	8°, 22%, 53%
HSV	8°, 33%, 64%
XYZ	23.7378, 21.0256, 16.9946
YIQ	128.2550, 30.2590, 7.7870

# Conversions

## Conversions Part 2

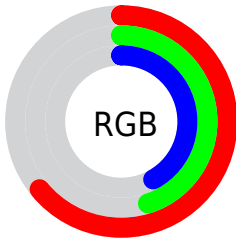
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 116, 108
Decimal	10646380
CIE <sub>Lab</sub>	52.98, 17.56, 11.24
CIE <sub>LCh</sub>	53, 20.849, 32.635
Yxy	21.0256, 0.3844, 0.3405
Android (android.graphics.Color)	4288836460 (0xFFA2736C)
YUV	128.2550, -9.9857, 29.5944
Hunter-Lab	45.8536, 12.1631, 10.1231

# Details

The Hex color **A2736C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6C9BA2**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **DAA79F**, and **6D433D** is the 20% darker color. If you saturate the color by 10%, you get **A2655C**, and if you desaturate by 10%, it is **A2817C**.

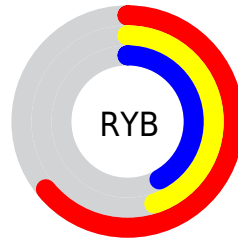
# Distribution



Red (64%)

Green (45%)

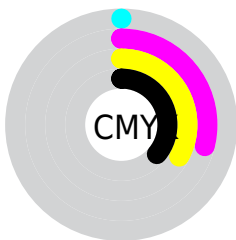
Blue (42%)



Red (64%)

Yellow (45%)

Blue (42%)

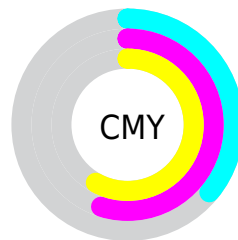


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (36%)



Cyan (36%)

Magenta (55%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2736C 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 A2736C by changing the saturation by 10% instead.



 A2736C

 A2736C

FFFFFF

 875A54

 DAA79F

 6D433D

 F7C2BA

 532C27

 FFD6D6

 3B1612

 FFFBF2

 260000

 000000

 A2736C

 A2736C

 A2655C

 A2817C

 A2574C

 A28F8C

 A2493B

 A29D9D

 A23B2B

 A2ABAD

 A22D1B

 A2BABD

 A21E0B

 A2C8CD

 A21500

 A2D6DD

 A2E4EE

 A2F2FE

# Harmonies

## Analogous

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



A1717E



A2736C



99785F

# Triad

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



A2736C



62876D



6A80A2

# Complementary

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



A2736C



6C9BA2

# 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.



54859E



A2736C



50897F

# Square

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



A2736C



778360



498891



83799D

# Rectangle

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



A2736C



907C5B



498891



6281A2



# Sweetspot

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



A2736C



D4C1BE



A26C9C



6B605E



EBEBEB



6B6B6B



# Same Dimension

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



A2736C



D48A7F



A28D6C



524A49



911300



120200



# Inverse Universe

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



6C9BA2



7FC9D4



6C81A2



495152



007F91



001012



# Previews

## White Background



This preview shows how the Hex color A2736C looks on a white background.

## Color Contrast Check

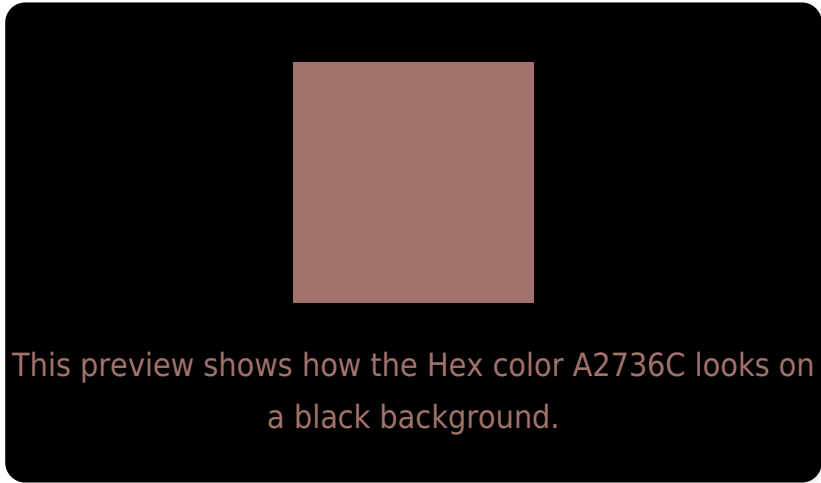
Large Text (above 18pt) WCAG AA ✓ Pass

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 A2736C Background



This preview shows how black text looks on a background with the Hex color A2736C.

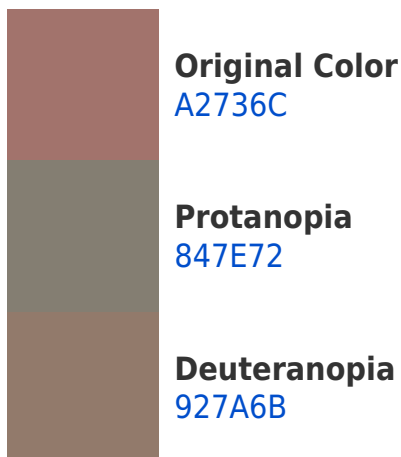


This preview shows how white text looks on a background with the Hex color A2736C.

# 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





**Tritanopia**  
A3717A

# Trichromacy



**Original Color**  
A2736C

**Protanomaly**  
8F7A70

**Deuteranomaly**  
98776B

**Tritanomaly**  
A37275

# Monochromacy



**Original Color**  
A2736C

**Achromatopsia**  
808080

**Achromatomaly**  
8C7B79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2736C 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 #A2736C looks like.

```
.text, #text, p{  
    color:#A2736C  
}
```

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 #A2736C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2736C  
}
```

## Border

The CSS property to change the border of an element to Hex A2736C is called "border". The border property can be set on classes, ids or directly on the HTML element.

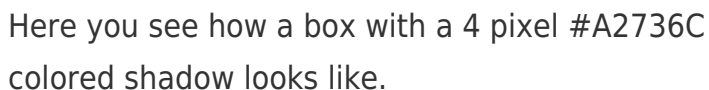
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A2736C }
```

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

```
.border{ border-color:#A2736C }
```

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



Here you see how a box with a 4 pixel `#A2736C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2736C; -webkit-box-shadow:4px 4px  
4px 4px #A2736C; box-shadow:4px 4px 4px  
4px #A2736C }
```

# Background

The CSS property to change the background color of an element to Hex A2736C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2736C }
```

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

```
.background{ background-color:#A2736C }
```

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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