

# Converting Colors

Hex(A4233C)

Have a look what the booklet for  
Hex(A4233C) contains.

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# Color

**Hex(A4233C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4233C
RGB	164, 35, 60
RGB Percent	64%, 14%, 24%
CMY	0.3569, 0.8627, 0.7647
CMYK	0.00, 0.79, 0.63, 0.36
HSL	348°, 65%, 39%
HSV	348°, 79%, 64%
XYZ	16.7265, 9.4208, 5.2118
YIQ	76.4210, 68.8590, 35.1230

# Conversions

## Conversions Part 2

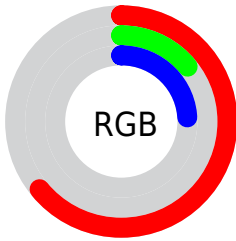
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 35, 60
Decimal	10756924
CIELab	36.78, 52.68, 18.39
CIElCh	37, 55.801, 19.239
Yxy	9.4208, 0.5334, 0.3004
Android (android.graphics.Color)	4288947004 (0xFFA4233C)
YUV	76.4210, -8.0956, 76.8068
Hunter-Lab	30.6934, 43.5610, 11.4178

# Details

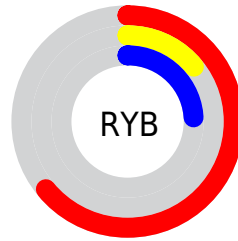
The Hex color **A4233C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **23A48B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **E05C6B**, and **690013** is the 20% darker color. If you saturate the color by 10%, you get **A4132F**, and if you desaturate by 10%, it is **A43349**.

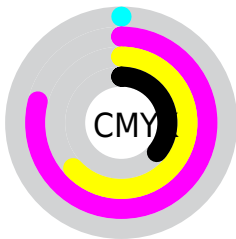
# Distribution



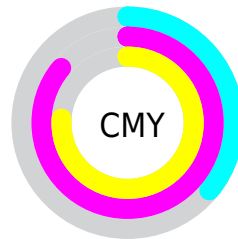
- Red (64%)
- Green (14%)
- Blue (24%)



- Red (64%)
- Yellow (14%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (63%)
- Black (36%)



- Cyan (36%)
- Magenta (86%)
- Yellow (76%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4233C 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 A4233C by changing the saturation by 10% instead.



 A4233C

 A4233C

FFFFFF

 860027

 E05C6B

 690013

 FF7884

 4C0000

 FF939E

 310002

 FFAFB9

 000000

 FFCCD5

 FFE9F1

 A4233C

 A4233C

 A4132F

 A43349

 A40222

 A44456

 A40020

 A45464

 A46571

 A4757E

 A4858B

 A49699

 A4A6A6

 A4B7B3

# Harmonies

## Analogous

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



9D2369



A4233C



953A10

# Triad

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



A4233C



036514



0061AF

# Complementary

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



A4233C



23A48B

# 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.



00689A



A4233C



006944

# Square

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



A4233C



4E5D00



006A73



2752AC

# Rectangle

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



A4233C



824800



006A73



0064AB



# Sweetspot

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



A4233C



D6A3AD



8A23A4



6B4C52



EBEBEB



6B6B6B



# Same Dimension

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



A4233C



D60D34



A44A23



52494B



91001C



120003



# Inverse Universe

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



A4233C



D60D34



237DA4



52494B



91001C



120003



# Previews

## White Background



This preview shows how the Hex color A4233C looks on a white background.

## Color Contrast Check

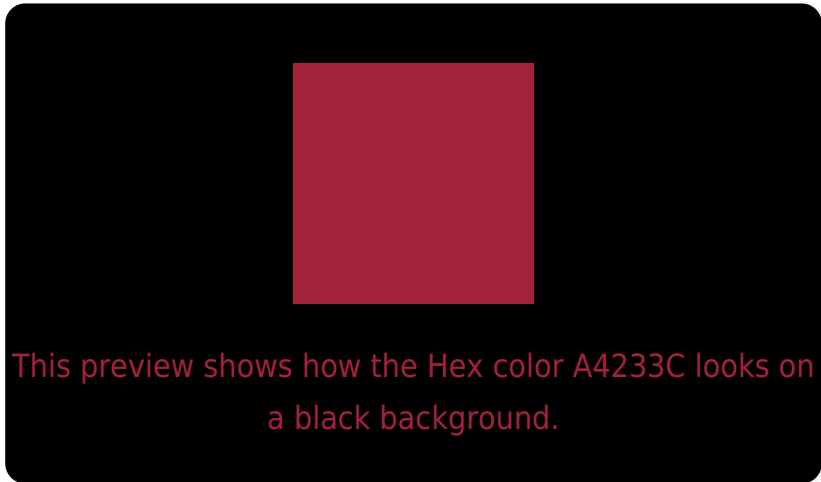
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A4233C Background



This preview shows how black text looks on a background with the Hex color A4233C.



This preview shows how white text looks on a background with the Hex color A4233C.

# 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**  
A4233C

**Protanopia**  
5B5852

**Deuteranopia**  
6A5435



# Trichromacy



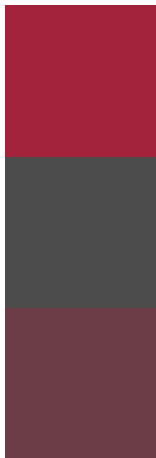
**Original Color**  
A4233C

**Protanomaly**  
76454A

**Deuteranomaly**  
7F4238

**Tritanomaly**  
A3262F

# Monochromacy



**Original Color**  
A4233C

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
6C3D46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4233C 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 #A4233C looks like.

```
.text, #text, p{  
    color:#A4233C  
}
```

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 #A4233C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4233C
}
```

## Border

The CSS property to change the border of an element to Hex A4233C is called "border". The border property can be set on classes, ids or directly on the HTML element.

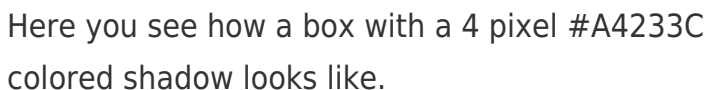
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4233C }
```

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

```
.border{ border-color:#A4233C }
```

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



Here you see how a box with a 4 pixel `#A4233C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4233C; -webkit-box-shadow:4px 4px  
4px 4px #A4233C; box-shadow:4px 4px 4px  
4px #A4233C }
```

# Background

The CSS property to change the background color of an element to Hex A4233C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4233C }
```

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

```
.background{ background-color:#A4233C }
```

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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