

# Converting Colors

Hex(A3224C)

Have a look what the booklet for  
Hex(A3224C) contains.

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# Color

**Hex(A3224C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3224C
RGB	163, 34, 76
RGB Percent	64%, 13%, 30%
CMY	0.3608, 0.8667, 0.7020
CMYK	0.00, 0.79, 0.53, 0.36
HSL	340°, 65%, 39%
HSV	340°, 79%, 64%
XYZ	16.9808, 9.4524, 7.7670
YIQ	77.3590, 63.4020, 40.4100

# Conversions

## Conversions Part 2

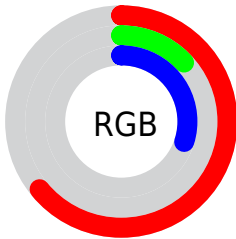
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	163, 34, 76
Decimal	10691148
CIE Lab	36.84, 53.84, 8.16
CIE LCh	37, 54.458, 8.617
Yxy	9.4524, 0.4965, 0.2764
Android (android.graphics.Color)	4288881228 (0xFFA3224C)
YUV	77.3590, -0.6700, 75.1072
Hunter-Lab	30.7447, 44.7850, 6.5430

# Details

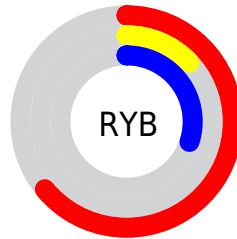
The Hex color **A3224C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **22A379**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **DF5C7D**, and **690021** is the 20% darker color. If you saturate the color by 10%, you get **A31241**, and if you desaturate by 10%, it is **A33257**.

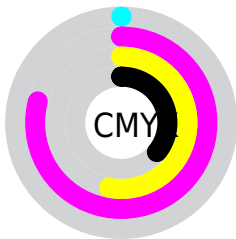
# Distribution



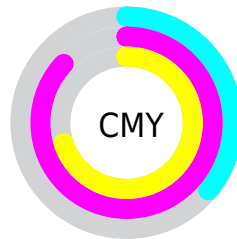
- Red (64%)
- Green (13%)
- Blue (30%)



- Red (64%)
- Yellow (13%)
- Blue (30%)



- Cyan (0%)
- Magenta (79%)
- Yellow (53%)
- Black (36%)



- Cyan (36%)
- Magenta (87%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3224C 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 A3224C by changing the saturation by 10% instead.



 A3224C

 A3224C

FFFFFF

 860036

 DF5C7D

 690021

 FD7796

 4D0009

 FF93B1

 320002

 FFAFCC

 000000

 FFCCE8

 FFE9FF

 A3224C

 A3224C

 A31241

 A33257

 A30136

 A34362

 A30035

 A3536D

 A36378

 A37483

 A3848E

 A39499

 A3A4A4

 A3B5AF

# Harmonies

## Analogous

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



942D78



A3224C



9B3322

# Triad

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



A3224C



2D6301



0064A9

# Complementary

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



A3224C



22A379

# 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.



00698D



A3224C



006835

# Square

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



A3224C



5E5900



006A63



0058AE

# Rectangle

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



A3224C



8C4202



006A63



0066A2



# Sweetspot

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



A3224C



D4A1B1



7822A3



6B4C56



EBEBEB



6B6B6B



# Same Dimension

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



A3224C



D40B4C



A33822



52494C



91002F



120006



# Inverse Universe

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



A3224C



D40B4C



228DA3



52494C



91002F

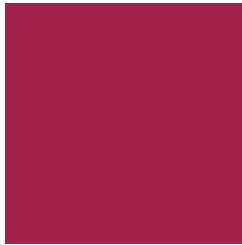


120006



# Previews

## White Background



This preview shows how the Hex color A3224C looks on a white background.

## Color Contrast Check

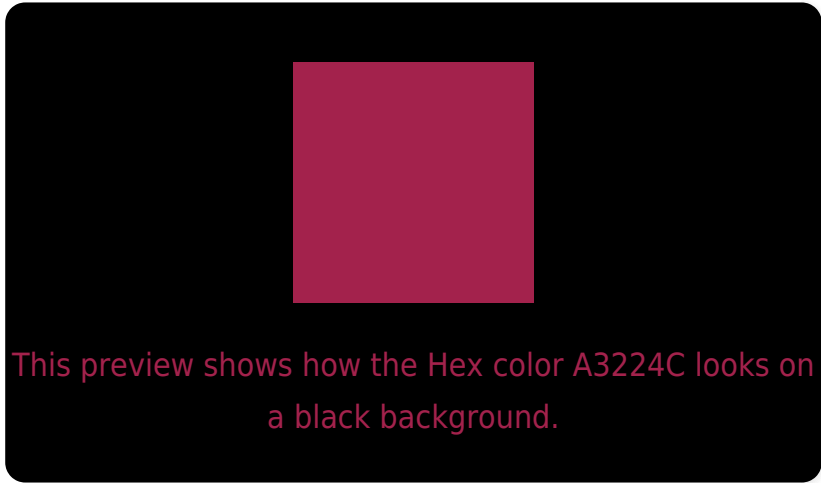
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3224C Background



This preview shows how black text looks on a background with the Hex color A3224C.



This preview shows how white text looks on a background with the Hex color A3224C.

# 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**  
A3224C

**Protanopia**  
555767

**Deuteranopia**  
675446



# Trichromacy



**Original Color**  
A3224C

**Protanomaly**  
71445D

**Deuteranomaly**  
7D4248

**Tritanomaly**  
A22738

# Monochromacy



**Original Color**  
A3224C

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
6C3D4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3224C 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 #A3224C looks like.

```
.text, #text, p{  
    color:#A3224C  
}
```

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 #A3224C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3224C
}
```

## Border

The CSS property to change the border of an element to Hex A3224C is called "border". The border property can be set on classes, ids or directly on the HTML element.

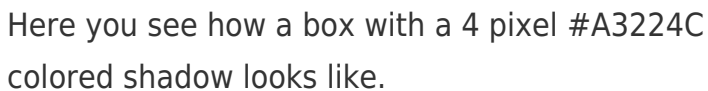
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A3224C }
```

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

```
.border{ border-color:#A3224C }
```

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



Here you see how a box with a 4 pixel #A3224C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3224C; -webkit-box-shadow:4px 4px  
4px 4px #A3224C; box-shadow:4px 4px 4px  
4px #A3224C }
```

# Background

The CSS property to change the background color of an element to Hex A3224C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3224C }
```

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

```
.background{ background-color:#A3224C }
```

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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