

# Converting Colors

Hex(AA204C)

Have a look what the booklet for  
Hex(AA204C) contains.

<b>Hex(AA204C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(AA204C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA204C
RGB	170, 32, 76
RGB Percent	67%, 13%, 30%
CMY	0.3333, 0.8745, 0.7020
CMYK	0.00, 0.81, 0.55, 0.33
HSL	341°, 68%, 40%
HSV	341°, 81%, 67%
XYZ	18.3986, 10.1009, 7.8174
YIQ	78.2780, 68.1240, 42.9400

# Conversions

## Conversions Part 2

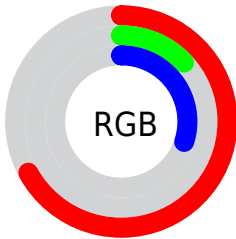
Format	Color
R <sub>Y</sub> B	170, 32, 76
Decimal	11149388
CIE Lab	38.02, 56.38, 10.02
CIE LCh	38, 57.262, 10.076
Yxy	10.1009, 0.5066, 0.2781
Android (android.graphics.Color)	4289339468 (0xFFAA204C)
YUV	78.2780, -1.1231, 80.4402
Hunter-Lab	31.7819, 47.7157, 7.6637

# Details

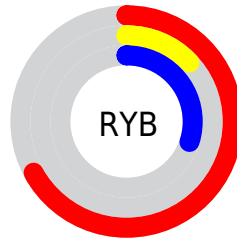
The Hex color **AA204C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **20AA7E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **E65C7D**, and **6F0021** is the 20% darker color. If you saturate the color by 10%, you get **AA0F40**, and if you desaturate by 10%, it is **AA3158**.

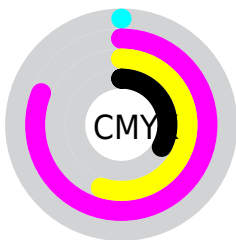
# Distribution



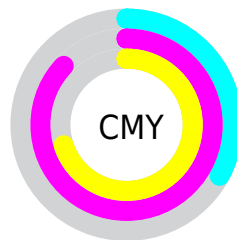
- Red (67%)
- Green (13%)
- Blue (30%)



- Red (67%)
- Yellow (13%)
- Blue (30%)



- Cyan (0%)
- Magenta (81%)
- Yellow (55%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA204C 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 AA204C by changing the saturation by 10% instead.



■ AA204C

■ AA204C

FFFFFF

■ 8C0036

■ E65C7D

■ 6F0021

■ FF7896

■ 530009

■ FF93B1

■ 380002

■ FFB0CC

■ 0C0000

■ FFCCE8

■ 000000

■ FFEAFF

■ AA204C

■ AA204C

■ AA0F40

■ AA3158

■ AA0036

■ AA4263

■ AA536F

■ AA647A

■ AA7586

■ AA8691

■ AA979D

■ AAA8A9

■ AAB9B4

# Harmonies

## Analogous

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



9B2B7A



AA204C



A1341F

# Triad

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



AA204C



296700



0067B1

# Complementary

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



AA204C



20AA7E

# 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.



006D95



AA204C



006C38

# Square

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



AA204C



5F5C00



006E68



005AB6

# Rectangle

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



AA204C



904400



006E68



006AAA



# Sweetspot

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



AA204C



DEA9BA



7C20AA



70505A



F0F0F0



707070



# Same Dimension

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



AA204C



DE074B



AA3720



544C4E



94002F



140007



# Inverse Universe

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



AA204C



DE074B



2093AA



544C4E



94002F



140007



# Previews

## White Background



This preview shows how the Hex color AA204C looks on a white background.

## Color Contrast Check

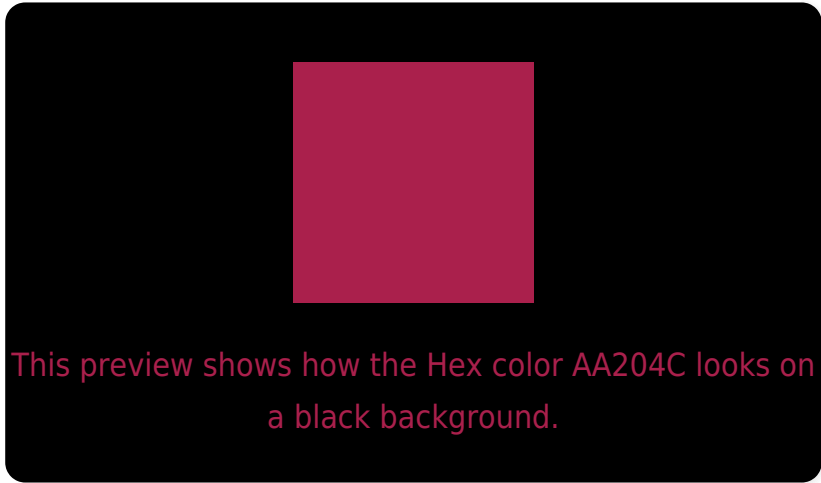
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA204C Background



This preview shows how black text looks on a background with the Hex color AA204C.

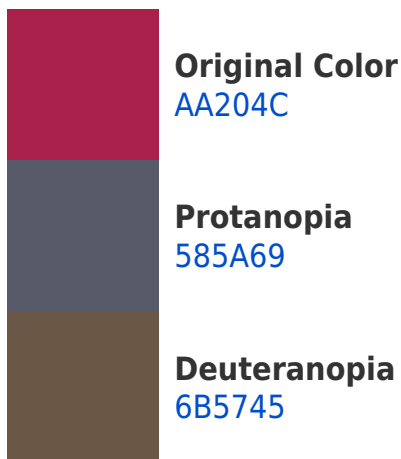



This preview shows how white text looks on a background with the Hex color AA204C.

# 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](#).

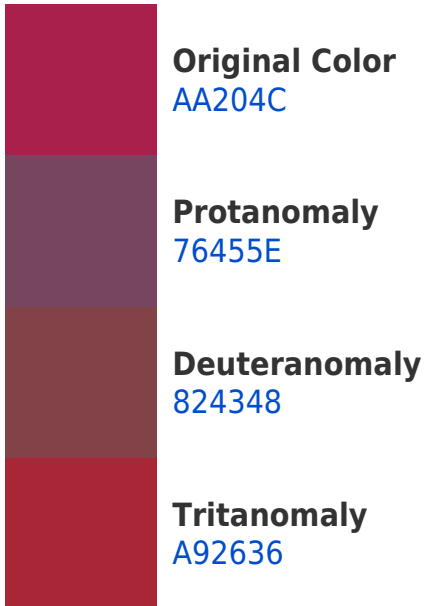
## Dichromacy





**Tritanopia**  
A8292A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA204C 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 #AA204C looks like.

```
.text, #text, p{  
    color:#AA204C  
}
```

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 #AA204C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA204C
}
```

## Border

The CSS property to change the border of an element to Hex AA204C 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
#AA204C }
```

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

```
.border{ border-color:#AA204C }
```

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

Here you see how a box with a 4 pixel #AA204C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA204C; -webkit-box-shadow:4px 4px  
4px 4px #AA204C; box-shadow:4px 4px 4px  
4px #AA204C }
```

# Background

The CSS property to change the background color of an element to Hex AA204C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA204C }
```

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

```
.background{ background-color:#AA204C }
```

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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