

# Converting Colors

Hex(AA2471)

Have a look what the booklet for  
Hex(AA2471) contains.

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# Color

**Hex(AA2471)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA2471
RGB	170, 36, 113
RGB Percent	67%, 14%, 44%
CMY	0.3333, 0.8588, 0.5569
CMYK	0.00, 0.79, 0.34, 0.33
HSL	326°, 65%, 40%
HSV	326°, 79%, 67%
XYZ	20.1891, 11.0001, 16.6819
YIQ	84.8440, 55.1470, 52.3550

# Conversions

## Conversions Part 2

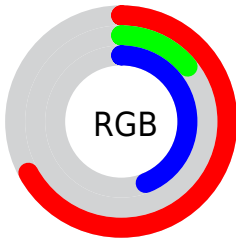
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 36, 113
Decimal	11150449
CIE <sub>Lab</sub>	39.58, 58.76, -11.19
CIE <sub>LCh</sub>	40, 59.814, 349.218
Yxy	11.0001, 0.4217, 0.2298
Android (android.graphics.Color)	4289340529 (0xFFAA2471)
YUV	84.8440, 13.8809, 74.6818
Hunter-Lab	33.1663, 50.6158, -6.6051

# Details

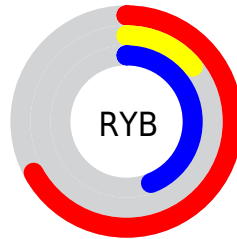
The Hex color **AA2471** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **24AA5D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E560A5**, and **710041** is the 20% darker color. If you saturate the color by 10%, you get **AA136A**, and if you desaturate by 10%, it is **AA3578**.

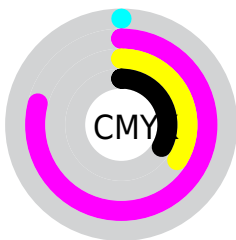
# Distribution



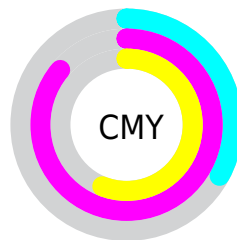
- Red (67%)
- Green (14%)
- Blue (44%)



- Red (67%)
- Yellow (14%)
- Blue (44%)



- Cyan (0%)
- Magenta (79%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (86%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA2471 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 AA2471 by changing the saturation by 10% instead.



■ AA2471

■ AA2471

FFFFFF

■ 8D0059

■ E560A5

■ 710041

■ FF7BC0

■ 55002B

■ FF97DC

■ 3C0017

■ FFB4F8

■ 1B0001

■ FFD1FF

■ 000000

■ FFEEFF

■ AA2471

■ AA2471

■ AA136A

■ AA3578

■ AA0263

■ AA467F

■ AA0062

■ AA5787

■ AA688E

■ AA7995

■ AA8A9C

■ AA9BA4

■ AAACAB

■ AABDB2

# Harmonies

## Analogous

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



853F9E



AA2471



B12440

# Triad

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



AA2471



546400



0070A7

# Complementary

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



AA2471



24AA5D

# 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.



00727C



AA2471



006D14

# Square

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



AA2471



805500



007149



0068BE

# Rectangle

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



AA2471



A83521



007149



00719A



# Sweetspot

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



AA2471



DEA9C7



5C24AA



705062



F0F0F0



707070



# Same Dimension

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



AA2471



DE0B84



AA242F



544C51



940055



14000C



# Inverse Universe

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



AA2471



DE0B84



24AA9F



544C51



940055



14000C



# Previews

## White Background



This preview shows how the Hex color AA2471 looks on a white background.

## Color Contrast Check

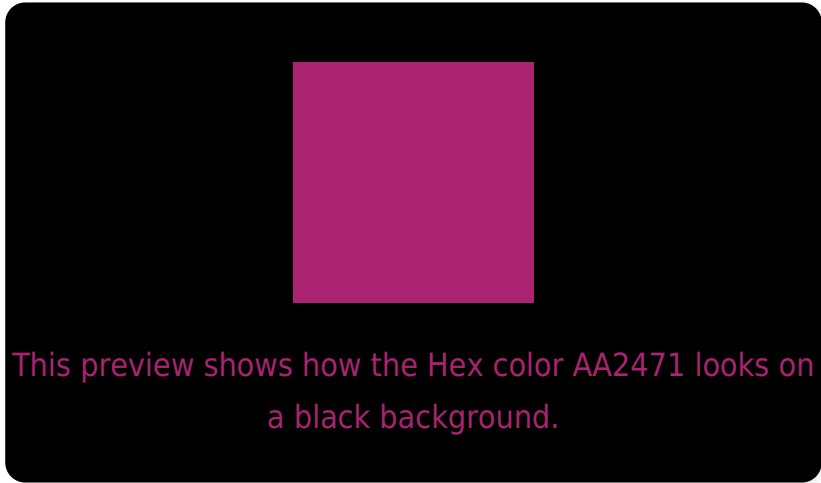
Large Text (above 18pt) WCAG AA ✓ Pass

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

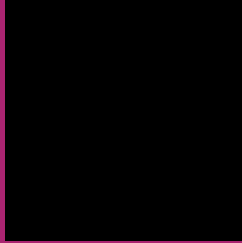
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AA2471 Background



This preview shows how black text looks on a background with the Hex color AA2471.

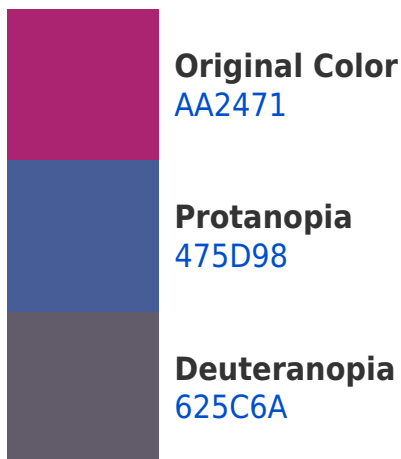



This preview shows how white text looks on a background with the Hex color AA2471.

# 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](#).

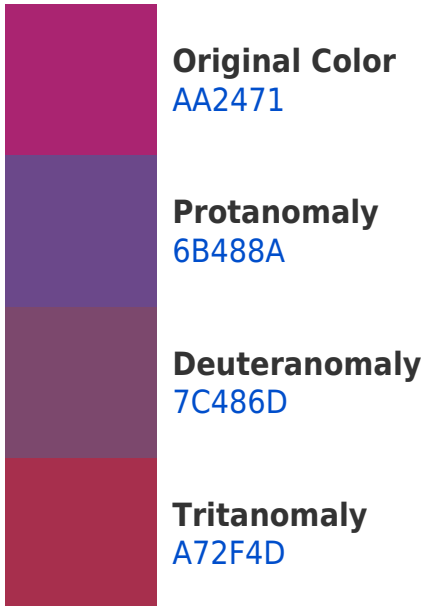
## Dichromacy



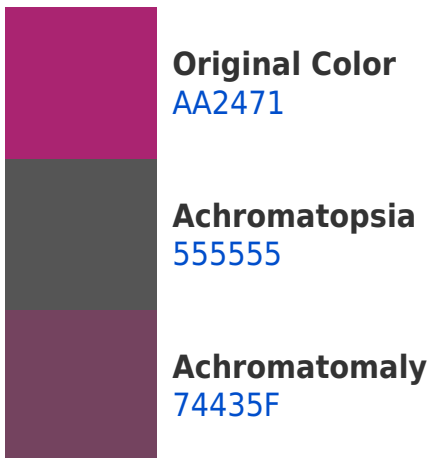


**Tritanopia**  
A63639

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA2471 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 #AA2471 looks like.

```
.text, #text, p{  
    color:#AA2471  
}
```

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 #AA2471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA2471
}
```

## Border

The CSS property to change the border of an element to Hex AA2471 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
#AA2471 }
```

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

```
.border{ border-color:#AA2471 }
```

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

Here you see how a box with a 4 pixel #AA2471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA2471; -webkit-box-shadow:4px 4px  
4px 4px #AA2471; box-shadow:4px 4px 4px  
4px #AA2471 }
```

# Background

The CSS property to change the background color of an element to Hex AA2471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA2471 }
```

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

```
.background{ background-color:#AA2471 }
```

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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