

Converting Colors

Hex(AA2463)

Have a look what the booklet for
Hex(AA2463) contains.

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Color

Hex(AA2463)

Conversions

Conversions Part 1

Format	Color
Hex	AA2463
RGB	170, 36, 99
RGB Percent	67%, 14%, 39%
CMY	0.3333, 0.8588, 0.6118
CMYK	0.00, 0.79, 0.42, 0.33
HSL	332°, 65%, 40%
HSV	332°, 79%, 67%
XYZ	19.4606, 10.7087, 12.8457
YIQ	83.2480, 59.6410, 48.0010

Conversions

Conversions Part 2

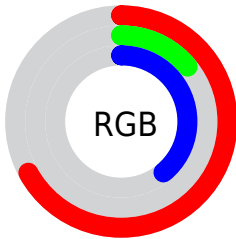
Format	Color
R_{YB}	170, 36, 99
Decimal	11150435
CIE Lab	39.09, 57.26, -3.12
CIE LCh	39, 57.345, 356.885
Yxy	10.7087, 0.4524, 0.2490
Android (android.graphics.Color)	4289340515 (0xFFAA2463)
YUV	83.2480, 7.7657, 76.0815
Hunter-Lab	32.7241, 48.8844, -0.3671

Details

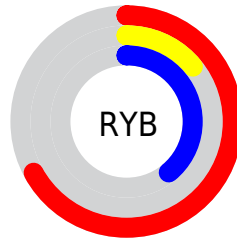
The Hex color **AA2463** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24AA6B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E55F96**, and **700035** is the 20% darker color. If you saturate the color by 10%, you get **AA135A**, and if you desaturate by 10%, it is **AA356C**.

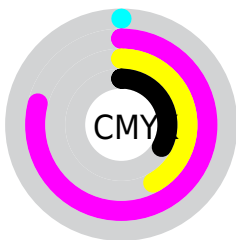
Distribution



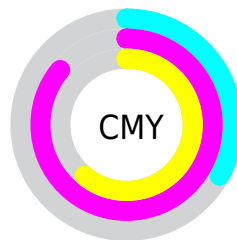
- Red (67%)
- Green (14%)
- Blue (39%)



- Red (67%)
- Yellow (14%)
- Blue (39%)



- Cyan (0%)
- Magenta (79%)
- Yellow (42%)
- Black (33%)



- Cyan (33%)
- Magenta (86%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA2463 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 AA2463 by changing the saturation by 10% instead.

■ AA2463

■ AA2463

FFFFFF

■ 8D004B

■ E55F96

■ 700035

■ FF7BB0

■ 540020

■ FF97CC

■ 3C0006

■ FFB3E8

■ 160000

■ FFD0FF

■ 000000

■ FFEDFF

■ AA2463

■ AA2463

■ AA135A

■ AA356C

■ AA0251

■ AA4675

■ AA0050

■ AA577E

■ AA6887

■ AA7990

■ AA8A99

■ AA9BA2

■ AAACAB

■ AABDB4

Harmonies

Analogous

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



8E3990



AA2463



AB2C35

Triad

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



AA2463



476600



006DAA

Complementary

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



AA2463



24AA6B

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.



007085



AA2463



006D25

Square

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



AA2463



745800



007056



0063BA

Rectangle

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



AA2463



9F3C17



007056



006FA0

Sweetspot

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



AA2463



DEA9C2



6924AA



70505F



F0F0F0



707070

Same Dimension

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



AA2463



DE0B6E



AA2624



544C50



940046



14000A

Inverse Universe

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



AA2463



DE0B6E



24A8AA



544C50



940046



14000A

Previews

White Background



This preview shows how the Hex color AA2463 looks on a white background.

Color Contrast Check

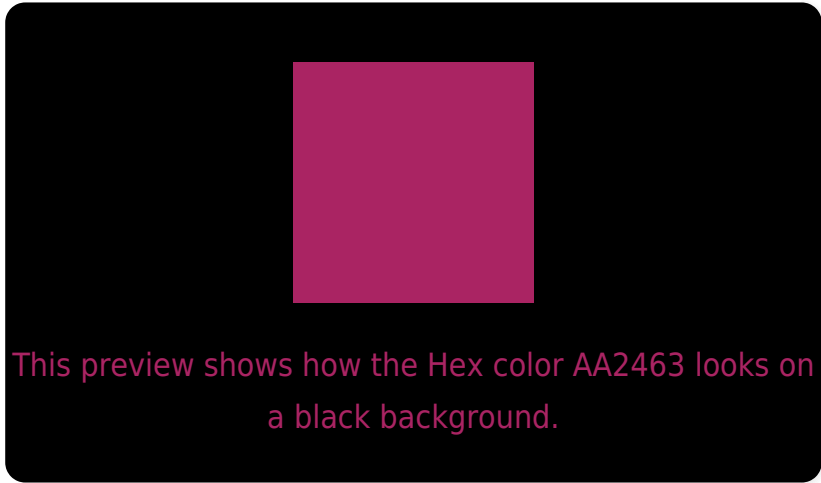
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA2463 Background



This preview shows how black text looks on a background with the Hex color AA2463.



This preview shows how white text looks on a background with the Hex color AA2463.

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
A73234

Trichromacy



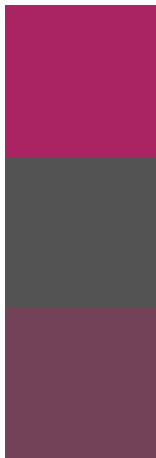
Original Color
AA2463

Protanomaly
714879

Deuteranomaly
7F465F

Tritanomaly
A82D45

Monochromacy



Original Color
AA2463

Achromatopsia
535353

Achromatomaly
734259

CSS Examples

Text

The CSS property to change the color of the text to Hex AA2463 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 #AA2463 looks like.

```
.text, #text, p{  
    color:#AA2463  
}
```

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 #AA2463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA2463
}
```

Border

The CSS property to change the border of an element to Hex AA2463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

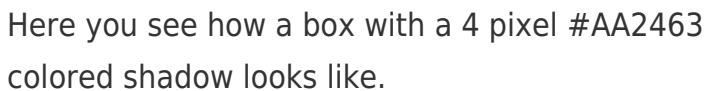
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA2463 }
```

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

```
.border{ border-color:#AA2463 }
```

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



Here you see how a box with a 4 pixel #AA2463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA2463; -webkit-box-shadow:4px 4px  
4px 4px #AA2463; box-shadow:4px 4px 4px  
4px #AA2463 }
```

Background

The CSS property to change the background color of an element to Hex AA2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA2463 }
```

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

```
.background{ background-color:#AA2463 }
```

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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