

Converting Colors

Hex(AA4790)

Have a look what the booklet for
Hex(AA4790) contains.

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Color

Hex(AA4790)

Conversions

Conversions Part 1

Format	Color
Hex	AA4790
RGB	170, 71, 144
RGB Percent	67%, 28%, 56%
CMY	0.3333, 0.7216, 0.4353
CMYK	0.00, 0.58, 0.15, 0.33
HSL	316°, 41%, 47%
HSV	316°, 58%, 67%
XYZ	23.8648, 15.0661, 28.0358
YIQ	108.9230, 35.5710, 43.6910

Conversions

Conversions Part 2

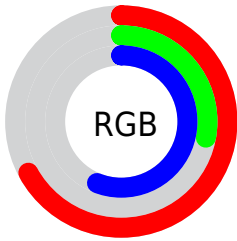
Format	Color
R_{YB}	170, 71, 144
Decimal	11159440
CIE _{Lab}	45.72, 49.38, -20.82
CIE _{LCh}	46, 53.588, 337.143
Yxy	15.0661, 0.3564, 0.2250
Android (android.graphics.Color)	4289349520 (0xFFAA4790)
YUV	108.9230, 17.2930, 53.5645
Hunter-Lab	38.8151, 41.8213, -15.6540

Details

The Hex color **AA4790** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **47AA61**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E37CC6**, and **730A5D** is the 20% darker color. If you saturate the color by 10%, you get **AA368C**, and if you desaturate by 10%, it is **AA5894**.

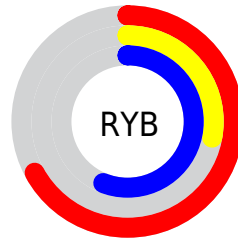
Distribution



Red (67%)

Green (28%)

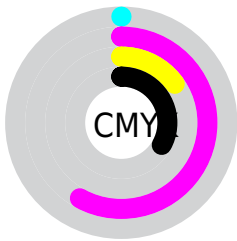
Blue (56%)



Red (67%)

Yellow (28%)

Blue (56%)

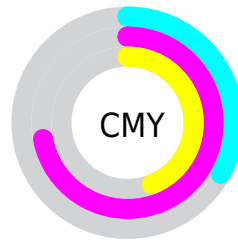


Cyan (0%)

Magenta (58%)

Yellow (15%)

Black (33%)



Cyan (33%)

Magenta (72%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA4790 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 AA4790 by changing the saturation by 10% instead.

■ AA4790

■ AA4790

FFFFFF

■ 8E2C76

■ E37CC6

■ 730A5D

■ FF97E2

■ 580046

■ FFB3FF

■ 3E002F

■ FFD0FF

■ 26001A

■ FFEDFF

■ 000000

■ AA4790

■ AA4790

■ AA368C

■ AA5894

■ AA2587

■ AA6999

■ AA1483

■ AA7A9D

■ AA037E

■ AA8BA2

■ AA007D

■ AA9CA6

■ AAADAB

■ AABEAF

■ AACFB4

■ AAE0B8

Harmonies

Analogous

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



7B5BB4



AA4790



BC3E63

Triad

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



AA4790



786E00



0080A1

Complementary

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



AA4790



47AA61

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.



008176



AA4790



48791C

Square

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



AA4790



9D5D12



007F47



007ABF

Rectangle

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



AA4790



BA4446



007F47



008194

Sweetspot

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



AA4790



DEB8D4



6047AA



705A6A



F0F0F0



707070

Same Dimension

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



AA4790



DE43B5



AA4760



544C52



94006D



14000F

Inverse Universe

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



AA4790



DE43B5



47AA91



544C52



94006D



14000F

Previews

White Background



This preview shows how the Hex color AA4790 looks on a white background.

Color Contrast Check

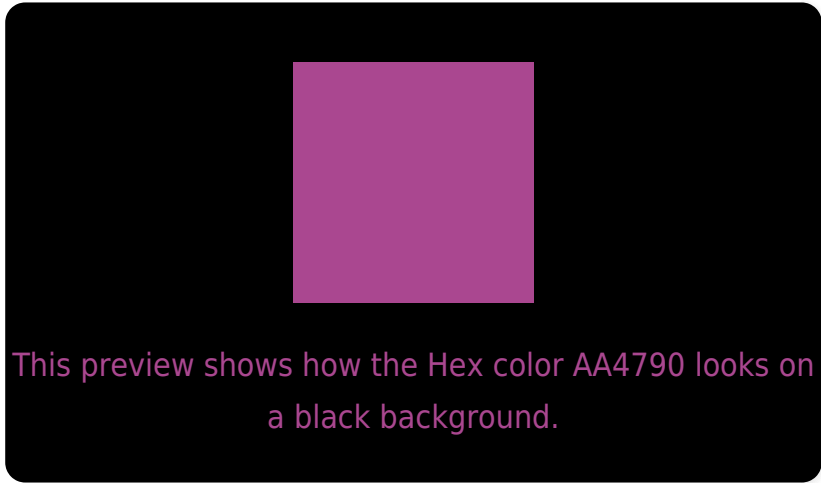
Large Text (above 18pt) WCAG AA ✓ Pass

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

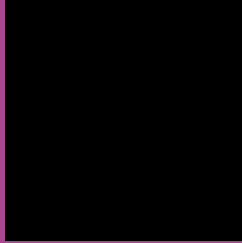
Any Text WCAG AA × Fail

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 AA4790 Background



This preview shows how black text looks on a background with the Hex color AA4790.

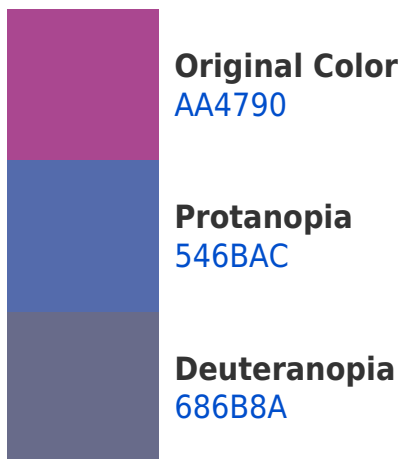



This preview shows how white text looks on a background with the Hex color AA4790.

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
A5545A

Trichromacy



Original Color
AA4790



Protanomaly
735EA2



Deuteranomaly
805E8C



Tritanomaly
A74F6E

Monochromacy



Original Color
AA4790



Achromatopsia
6D6D6D



Achromatomaly
835F7A

CSS Examples

Text

The CSS property to change the color of the text to Hex AA4790 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 #AA4790 looks like.

```
.text, #text, p{  
    color:#AA4790  
}
```

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 #AA4790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA4790  
}
```

Border

The CSS property to change the border of an element to Hex AA4790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

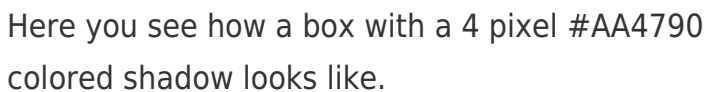
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA4790 }
```

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

```
.border{ border-color:#AA4790 }
```

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



Here you see how a box with a 4 pixel #AA4790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA4790; -webkit-box-shadow:4px 4px  
4px 4px #AA4790; box-shadow:4px 4px 4px  
4px #AA4790 }
```

Background

The CSS property to change the background color of an element to Hex AA4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA4790 }
```

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

```
.background{ background-color:#AA4790 }
```

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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