

Converting Colors

Hex(4711AA)

Have a look what the booklet for
Hex(4711AA) contains.

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Color

Hex(4711AA)

Conversions

Conversions Part 1

Format	Color
Hex	4711AA
RGB	71, 17, 170
RGB Percent	28%, 7%, 67%
CMY	0.7216, 0.9333, 0.3333
CMYK	0.58, 0.90, 0.00, 0.33
HSL	261°, 82%, 37%
HSV	261°, 90%, 67%
XYZ	10.0547, 4.6428, 38.3964
YIQ	50.5880, -16.9290, 59.0310

Conversions

Conversions Part 2

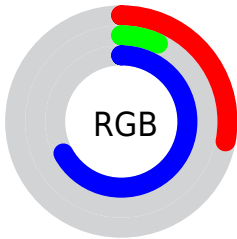
Format	Color
R _Y B	71, 17, 170
Decimal	4657578
CIE Lab	25.69, 56.77, -69.42
CIE LCh	26, 89.672, 309.275
Yxy	4.6428, 0.1894, 0.0874
Android (android.graphics.Color)	4282847658 (0xFF4711AA)
YUV	50.5880, 58.8701, 17.9013
Hunter-Lab	21.5471, 45.5874, -90.5704

Details

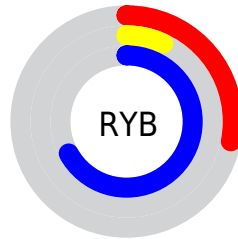
The Hex color **4711AA** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **74AA11**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8348E3**, and **000074** is the 20% darker color. If you saturate the color by 10%, you get **3C00AA**, and if you desaturate by 10%, it is **5222AA**.

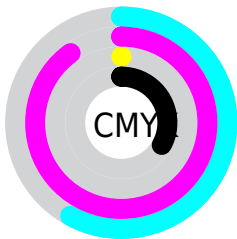
Distribution



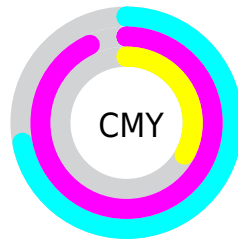
- Red (28%)
- Green (7%)
- Blue (67%)



- Red (28%)
- Yellow (7%)
- Blue (67%)



- Cyan (58%)
- Magenta (90%)
- Yellow (0%)
- Black (33%)



- Cyan (72%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4711AA 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 4711AA by changing the saturation by 10% instead.

4711AA

4711AA

FFFFFF

24008F

8348E3

000074

A162FF

00005B

BE7DFF

000742

DC98FF

00032B

FAB3FF

000115

FFD0FF

000000

FFECFF

4711AA

4711AA

■ 3C00AA

■ 5222AA

■ 5D33AA

■ 6844AA

■ 7355AA

■ 7E66AA

■ 8977AA

■ 9488AA

■ 9F99AA

■ AAAAAA

Harmonies

Analogous

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



0043C9



4711AA



96006F

Triad

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



4711AA



702400



005352

Complementary

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



4711AA



74AA11

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.



005001



4711AA



384200

Square

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



4711AA



970000



004D00



005494

Rectangle

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



4711AA



A60042



004D00



00523A

Sweetspot

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



4711AA



B7A2DE



1174AA



594C70



F0F0F0



707070

Same Dimension

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



4711AA



4E00DE



9311AA



4F4C54



340094



070014

Inverse Universe

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



AA1174



DE0090



28AA11



544C51



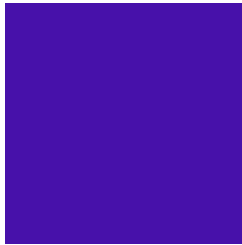
940060



14000D

Previews

White Background



This preview shows how the Hex color 4711AA looks on a white background.

Color Contrast Check

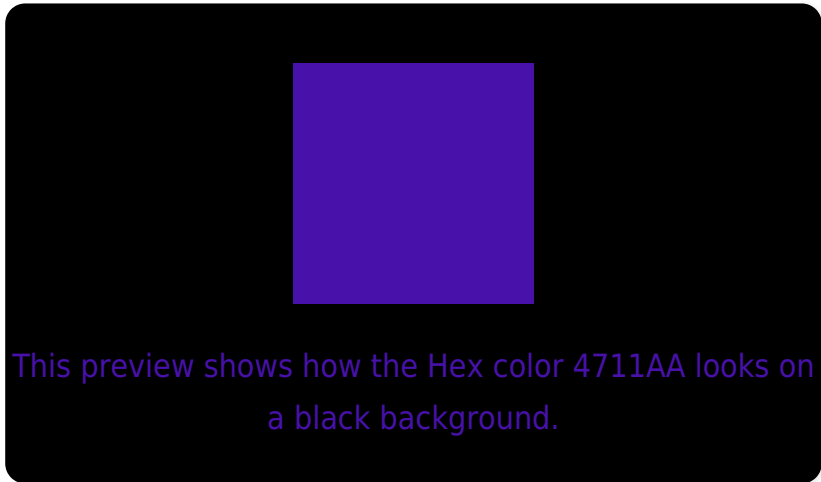
Large Text (above 18pt) WCAG AA ✓ Pass

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

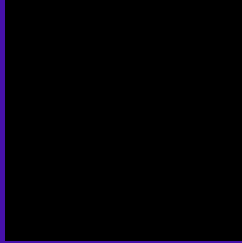
Any Text WCAG AA × Fail

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 4711AA Background



This preview shows how black text looks on a background with the Hex color 4711AA.



This preview shows how white text looks on a background with the Hex color 4711AA.

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](#).

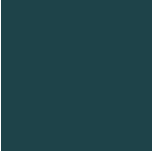
Dichromacy



Original Color
4711AA

Protanopia
003C7E

Deuteranopia
00406B



Tritanopia
1E4349

Trichromacy



Original Color
4711AA

Protanomaly
1A2C8E

Deuteranomaly
1A2F82

Tritanomaly
2D316C

Monochromacy



Original Color
4711AA

Achromatopsia
333333

Achromatomaly
3A275E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4711AA 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 #4711AA looks like.

```
.text, #text, p{  
    color:#4711AA  
}
```

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 #4711AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4711AA
}
```

Border

The CSS property to change the border of an element to Hex 4711AA 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".

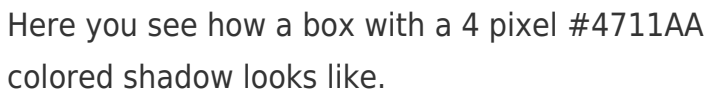
```
.border, #border, table{ border:4px solid
#4711AA }
```

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

```
.border{ border-color:#4711AA }
```

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

Here you see how a box with a 4 pixel #4711AA colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4711AA; -webkit-box-shadow:4px 4px  
4px 4px #4711AA; box-shadow:4px 4px 4px  
4px #4711AA }
```

Background

The CSS property to change the background color of an element to Hex 4711AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4711AA }
```

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

```
.background{ background-color:#4711AA }
```

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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