

Converting Colors

Hex(4C11AB)

Have a look what the booklet for
Hex(4C11AB) contains.

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Color

Hex(4C11AB)

Conversions

Conversions Part 1	
Format	Color
Hex	4C11AB
RGB	76, 17, 171
RGB Percent	30%, 7%, 67%
CMY	0.7020, 0.9333, 0.3294
CMYK	0.56, 0.90, 0.00, 0.33
HSL	263°, 82%, 37%
HSV	263°, 90%, 67%
XYZ	10.5316, 4.8777, 38.9145
YIQ	52.1970, -14.2700, 60.4020

Conversions

Conversions Part 2

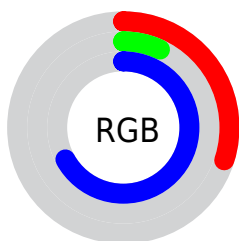
Format	Color
RYB	76, 17, 171
Decimal	4985259
CIELab	26.38, 57.47, -68.86
CIELCh	26, 89.687, 309.848
Yxy	4.8777, 0.1939, 0.0898
Android (android.graphics.Color)	4283175339 (0xFF4C11AB)
YUV	52.1970, 58.5699, 20.8752
Hunter-Lab	22.0855, 46.4696, -89.0089

Details

The Hex color **4C11AB** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **70AB11**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **8849E4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **4200AB**, and if you desaturate by 10%, it is **5722AB**.

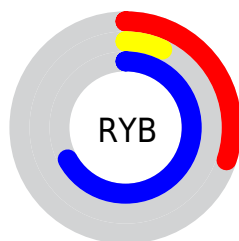
Distribution



Red (30%)

Green (7%)

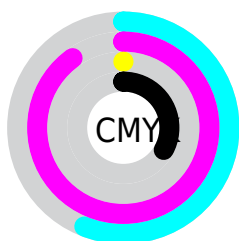
Blue (67%)



Red (30%)

Yellow (7%)

Blue (67%)

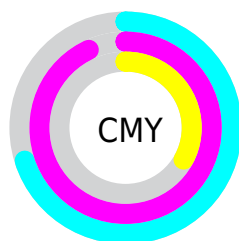


Cyan (56%)

Magenta (90%)

Yellow (0%)

Black (33%)



Cyan (70%)

Magenta (93%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C11AB 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 4C11AB by changing the saturation by 10% instead.

 4C11AB

 4C11AB

FFFFFF

 2A0090

 8849E4

 000075

 A563FF

 00005C

 C37EFF

 000743

 E099FF

 00032C

 FFB4FF

 000116

 FFD1FF

 000000

 FFEEFF

 4C11AB

 4C11AB


 4200AB

 5722AB

 6133AB

 6C44AB

 7655AB

 8166AB

 8B78AB

 9689AB

 A09AAB

 ABABAB

Harmonies

Analogous

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



0044CB



4C11AB



99006F

Triad

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



4C11AB



712600



005455

Complementary

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



4C11AB



70AB11

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.



005204



4C11AB



394400

Square

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



4C11AB



990000



004E00



005697

Rectangle

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



4C11AB



A90042



004E00



00543D

Sweetspot

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



4C11AB



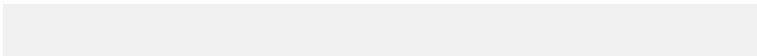
B9A2DE



1173AB



5A4C70



F0F0F0



707070

Same Dimension

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



4C11AB



5500DE



9611AB



514E57



3A0096



090017

Inverse Universe

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



AB1170



DE0089



26AB11



574E53



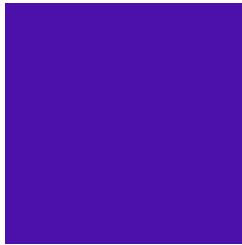
96005D



17000E

Previews

White Background



This preview shows how the Hex color 4C11AB looks on a white background.

Color Contrast Check

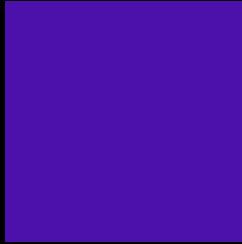
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 4C11AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

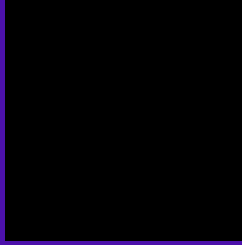
Any Text WCAG AA × Fail

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 4C11AB Background



This preview shows how black text looks on a background with the Hex color 4C11AB.



This preview shows how white text looks on a background with the Hex color 4C11AB.

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
4C11AB





Protanopia
003E81

Deuteranopia
00426E






Tritanopia
294449

Trichromacy

	Original Color 4C11AB
	Protanomaly 1C2E90
	Deuteranomaly 1C3084
	Tritanomaly 36316D

Monochromacy

	Original Color 4C11AB
	Achromatopsia 343434
	Achromatomaly 3D275F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C11AB 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 #4C11AB looks like.

```
.text, #text, p{  
    color:#4C11AB  
}
```

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 #4C11AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C11AB
}
```

Border

The CSS property to change the border of an element to Hex 4C11AB 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
#4C11AB }
```

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

```
.border{ border-color:#4C11AB }
```

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

Here you see how a box with a 4 pixel #4C11AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C11AB; -webkit-box-shadow:4px 4px  
4px 4px #4C11AB; box-shadow:4px 4px 4px  
4px #4C11AB }
```

Background

The CSS property to change the background color of an element to Hex 4C11AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C11AB }
```

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

```
.background{ background-color:#4C11AB }
```

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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