

Converting Colors

Hex(A41C89)

Have a look what the booklet for
Hex(A41C89) contains.

Hex(A41C89)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A41C89)

Conversions

Conversions Part 1

Format	Color
Hex	A41C89
RGB	164, 28, 137
RGB Percent	64%, 11%, 54%
CMY	0.3569, 0.8902, 0.4627
CMYK	0.00, 0.83, 0.16, 0.36
HSL	312°, 71%, 38%
HSV	312°, 83%, 64%
XYZ	20.2405, 10.5292, 24.6325
YIQ	81.0900, 46.0670, 62.7310

Conversions

Conversions Part 2

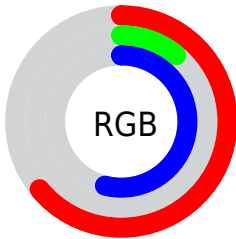
Format	Color
RYB	164, 28, 137
Decimal	10755209
CIELab	38.78, 62.48, -27.42
CIELCh	39, 68.233, 336.302
Yxy	10.5292, 0.3653, 0.1901
Android (android.graphics.Color)	4288945289 (0xFFA41C89)
YUV	81.0900, 27.5636, 72.7121
Hunter-Lab	32.4487, 54.5575, -22.2942

Details

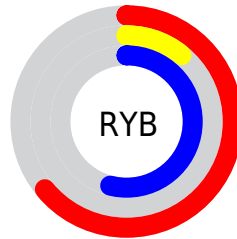
The Hex color **A41C89** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1CA437**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **DE5BBF**, and **6C0057** is the 20% darker color. If you saturate the color by 10%, you get **A40C86**, and if you desaturate by 10%, it is **A42C8C**.

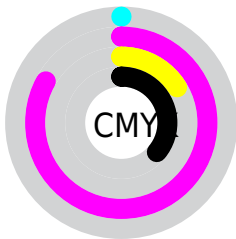
Distribution



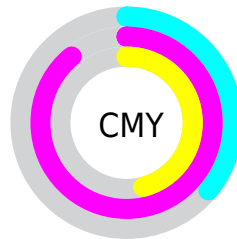
- Red (64%)
- Green (11%)
- Blue (54%)



- Red (64%)
- Yellow (11%)
- Blue (54%)



- Cyan (0%)
- Magenta (83%)
- Yellow (16%)
- Black (36%)



- Cyan (36%)
- Magenta (89%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color A41C89 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 A41C89 by changing the saturation by 10% instead.

 A41C89

 A41C89

FFFFFF

 88006F

 DE5BBF

 6C0057

 FC77DB

 50003F

 FF93F7

 380029


 FFB0FF

 170012

 FFC0FF

 000000

 FFEAFF

 A41C89

 A41C89

 A40C86

 A42C8C

 A40083

 A43D90

 A44D93

 A45E96

 A46E99

 A47E9D

 A48FA0

 A49FA3

 A4B0A6

Harmonies

Analogous

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



6646B6



A41C89



B90052

Triad

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



A41C89



665D00



00729C

Complementary

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



A41C89



1CA437

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.



007266



A41C89



256900

Square

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



A41C89



924700



00702B



006DC2

Rectangle

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



A41C89



B6112E



00702B



00728B

Sweetspot

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



A41C89



D6A1CC



351CA4



6B4B65



EBEBEB



6B6B6B

Same Dimension

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



A41C89



D600AC



A41C47



524950



910074



12000E

Inverse Universe

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



A41C89



D600AC



1CA479



524950



910074



12000E

Previews

White Background



This preview shows how the Hex color A41C89 looks on a white background.

Color Contrast Check

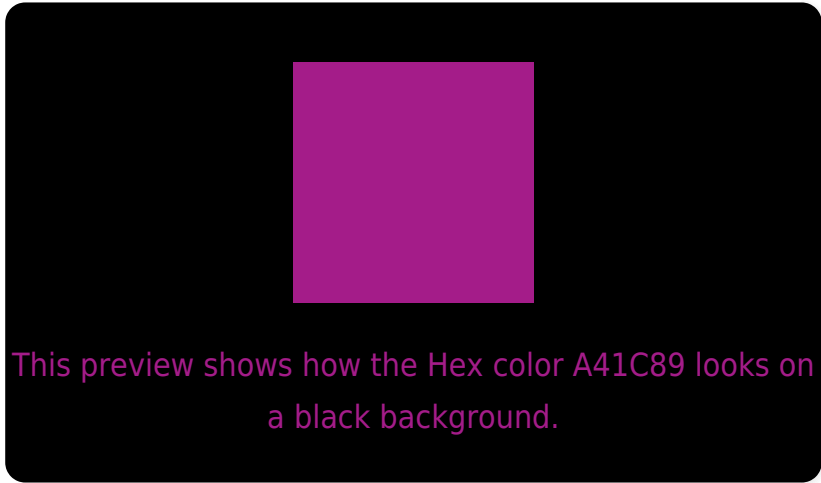
Large Text (above 18pt) WCAG AA ✓ Pass

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

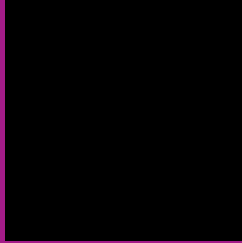
Any Text WCAG AA × Fail

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 A41C89 Background



This preview shows how black text looks on a background with the Hex color A41C89.



This preview shows how white text looks on a background with the Hex color A41C89.

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



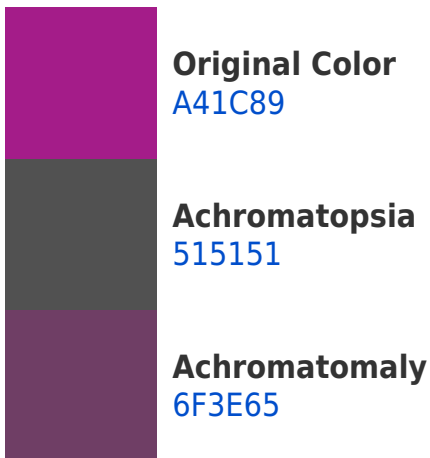


Tritanopia
9D3B3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A41C89 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 #A41C89 looks like.

```
.text, #text, p{  
    color:#A41C89  
}
```

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 #A41C89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A41C89
}
```

Border

The CSS property to change the border of an element to Hex A41C89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

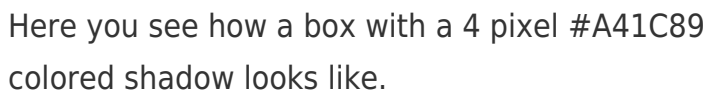
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A41C89 }
```

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

```
.border{ border-color:#A41C89 }
```

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



Here you see how a box with a 4 pixel #A41C89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A41C89; -webkit-box-shadow:4px 4px  
4px 4px #A41C89; box-shadow:4px 4px 4px  
4px #A41C89 }
```

Background

The CSS property to change the background color of an element to Hex A41C89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A41C89 }
```

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

```
.background{ background-color:#A41C89 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor