

Converting Colors

Hex(A10089)

Have a look what the booklet for
Hex(A10089) contains.

Hex(A10089)	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(A10089)

Conversions

Conversions Part 1

Format	Color
Hex	A10089
RGB	161, 0, 137
RGB Percent	63%, 0%, 54%
CMY	0.3686, 1.0000, 0.4627
CMYK	0.00, 1.00, 0.15, 0.37
HSL	309°, 100%, 32%
HSV	309°, 100%, 63%
XYZ	19.2133, 9.3832, 24.4654
YIQ	63.7570, 51.9790, 76.7390

Conversions

Conversions Part 2

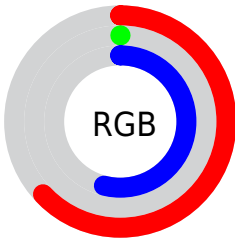
Format	Color
R_{YB}	161, 0, 137
Decimal	10551433
CIE _{Lab}	36.71, 66.24, -30.71
CIE _{LCh}	37, 73.009, 335.128
Yxy	9.3832, 0.3621, 0.1768
Android (android.graphics.Color)	4288741513 (0xFFA10089)
YUV	63.7570, 36.1088, 85.2821
Hunter-Lab	30.6320, 58.3544, -25.9117

Details

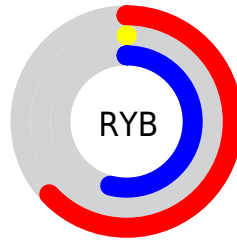
The Hex color **A10089** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00A118**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **DB50BF**, and **690057** is the 20% darker color. If you saturate the color by 10%, you get **A10089**, and if you desaturate by 10%, it is **A1108B**.

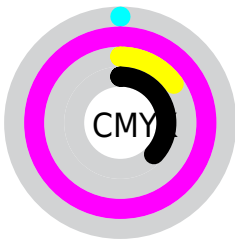
Distribution



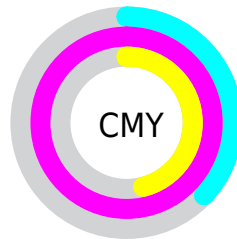
- Red (63%)
- Green (0%)
- Blue (54%)



- Red (63%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color A10089 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 A10089 by changing the saturation by 10% instead.

 A10089

 A10089

FFFFFF

 85006F

 DB50BF

 690057

 F96DDB

 4D003F

 FF89F7

 340029

 FFA6FF

 0E0012

 FFC3FF

 000000

 FFE0FF

 FFFEFF

 A10089

 A1108B

 A1208E

 A13090

 A14093

 A15195

 A16197

 A1719A

 A1819C

 A1919F

Harmonies

Analogous

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



5B40B8



A10089



B8004F

Triad

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



A10089



615800



006E99

Complementary

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



A10089



00A118

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.



006D5F



A10089



1B6500

Square

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



A10089



903F00



006B1F



0069C2

Rectangle

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



A10089



B50029



006B1F



006E87

Sweetspot

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



A10089



D192C8



1500A1



694363



E8E8E8



696969

Same Dimension

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



A10089



D100B2



A1003B



524950



91007C



12000F

Inverse Universe

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



A10089



D100B2



00A166



524950



91007C



12000F

Previews

White Background



This preview shows how the Hex color A10089 looks on a white background.

Color Contrast Check

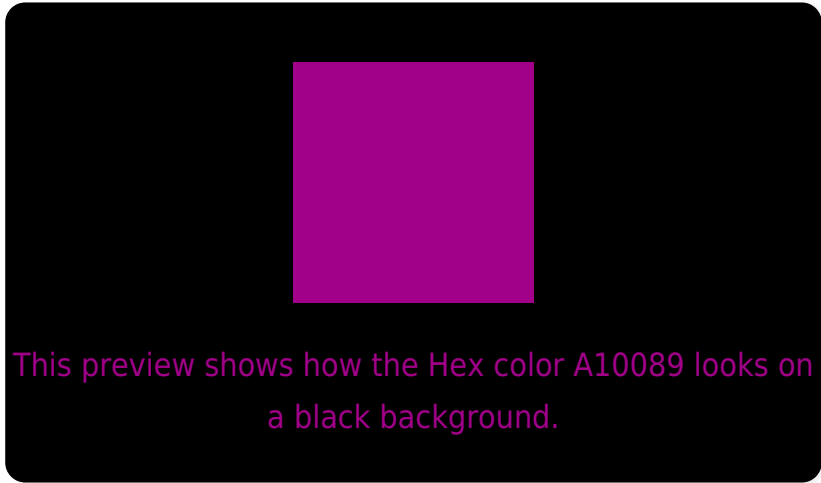
Large Text (above 18pt) WCAG AA ✓ Pass

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

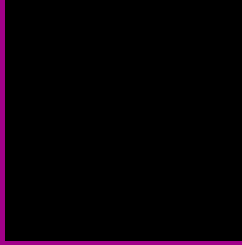
Any Text WCAG AA × Fail

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 A10089 Background



This preview shows how black text looks on a background with the Hex color A10089.




This preview shows how white text looks on a background with the Hex color A10089.

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](#).

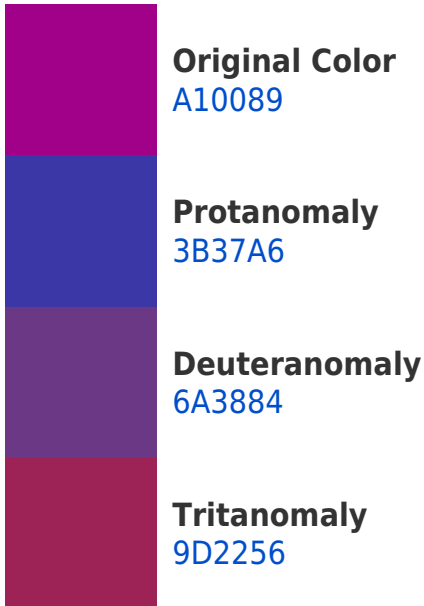
Dichromacy



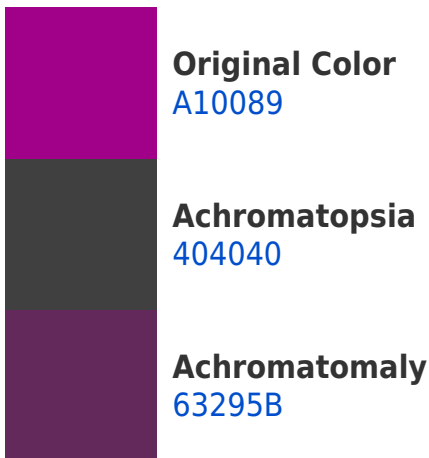


Tritanopia
9A3639

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A10089 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 #A10089 looks like.

```
.text, #text, p{  
    color:#A10089  
}
```

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 #A10089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A10089
}
```

Border

The CSS property to change the border of an element to Hex A10089 is called "border". The border property can be set on classes, ids or directly on the HTML element.

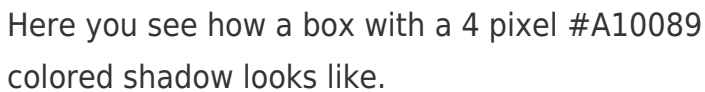
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A10089 }
```

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

```
.border{ border-color:#A10089 }
```

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



Here you see how a box with a 4 pixel #A10089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A10089; -webkit-box-shadow:4px 4px  
4px 4px #A10089; box-shadow:4px 4px 4px  
4px #A10089 }
```

Background

The CSS property to change the background color of an element to Hex A10089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A10089 }
```

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

```
.background{ background-color:#A10089 }
```

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