

# Converting Colors

Hex(A21085)

Have a look what the booklet for  
Hex(A21085) contains.

<b>Hex(A21085)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A21085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A21085
RGB	162, 16, 133
RGB Percent	64%, 6%, 52%
CMY	0.3647, 0.9373, 0.4784
CMYK	0.00, 0.90, 0.18, 0.36
HSL	312°, 82%, 35%
HSV	312°, 90%, 64%
XYZ	19.3192, 9.7454, 23.0531
YIQ	72.9920, 49.4590, 67.3390

# Conversions

## Conversions Part 2

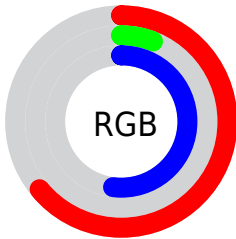
Format	Color
<a href="#">RYB</a>	<a href="#">162, 16, 133</a>
Decimal	<a href="#">10621061</a>
CIELab	<a href="#">37.38, 63.89, -27.17</a>
CIElCh	<a href="#">37, 69.424, 336.965</a>
Yxy	<a href="#">9.7454, 0.3707, 0.1870</a>
Android (android.graphics.Color)	<a href="#">4288811141 (0xFFA21085)</a>
YUV	<a href="#">72.9920, 29.5839, 78.0600</a>
Hunter-Lab	<a href="#">31.2177, 55.8348, -21.9312</a>

# Details

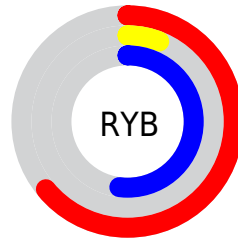
The Hex color **A21085** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **10A22D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DC55BA**, and **6A0053** is the 20% darker color. If you saturate the color by 10%, you get **A20082**, and if you desaturate by 10%, it is **A22088**.

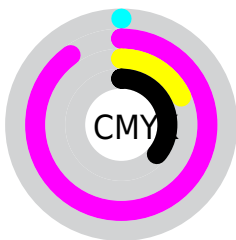
# Distribution



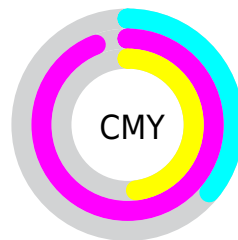
- Red (64%)
- Green (6%)
- Blue (52%)



- Red (64%)
- Yellow (6%)
- Blue (52%)



- Cyan (0%)
- Magenta (90%)
- Yellow (18%)
- Black (36%)



- Cyan (36%)
- Magenta (94%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A21085 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 A21085 by changing the saturation by 10% instead.



 A21085

 A21085

FFFFFF

 86006C

 DC55BA

 6A0053


 FA71D6

 4E003B

 FF8EF3

 350026

 FFAAFF

 11000D

 FFC7FF

 000000

 FFE4FF

 A21085

 A21085

 A20082

 A22088

 A2308B

 A2418F

 A25192

 A26195

 A27198

 A2819C

 A2929F

 A2A2A2

# Harmonies

## Analogous

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



6441B3



A21085



B6004E

# Triad

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



A21085



615A00



006E9B

# Complementary

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



A21085



10A22D

# 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.



006F64



A21085



1C6600

# Square

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



A21085



8E4400



006C28



0069C0

# Rectangle

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



A21085



B30229



006C28



006F8A



# Sweetspot

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



A21085



D49BC8



2B10A2



6B4964



EBEBEB



6B6B6B



# Same Dimension

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



A21085



D400AA



A2103E



524950



910074



12000E



# Inverse Universe

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



A21085



D400AA



10A274



524950



910074



12000E



# Previews

## White Background



This preview shows how the Hex color A21085 looks on a white background.

## Color Contrast Check

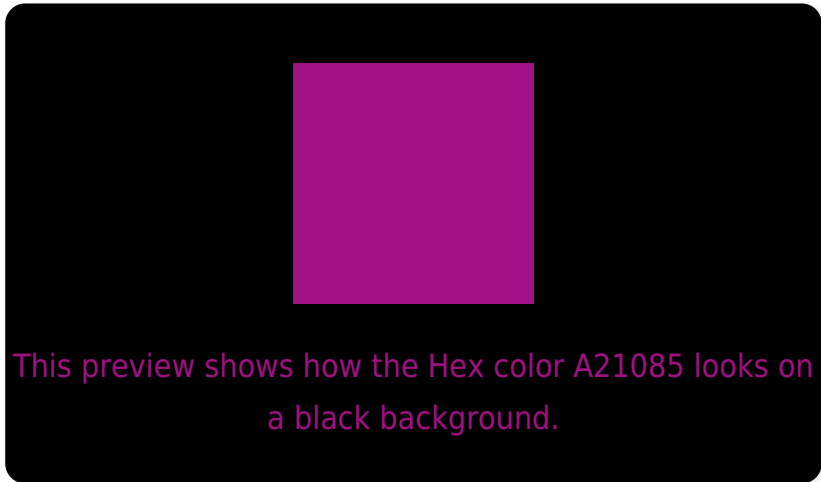
Large Text (above 18pt) WCAG AA ✓ Pass

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

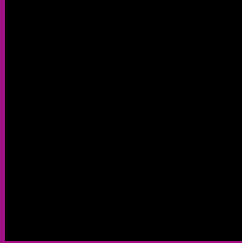
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A21085 Background



This preview shows how black text looks on a background with the Hex color A21085.




This preview shows how white text looks on a background with the Hex color A21085.

# 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**  
9B3639

# Trichromacy



**Original Color**  
A21085



**Protanomaly**  
3B3DA5



**Deuteranomaly**  
6D3E80



**Tritanomaly**  
9E2855

# Monochromacy



**Original Color**  
A21085



**Achromatopsia**  
494949



**Achromatomaly**  
69345F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A21085 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 #A21085 looks like.

```
.text, #text, p{  
    color:#A21085  
}
```

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 #A21085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A21085  
}
```

## Border

The CSS property to change the border of an element to Hex A21085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

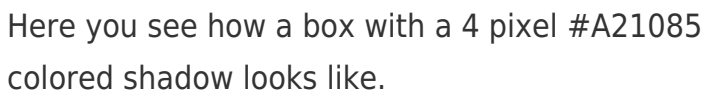
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A21085 }
```

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

```
.border{ border-color:#A21085 }
```

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



Here you see how a box with a 4 pixel #A21085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A21085; -webkit-box-shadow:4px 4px  
4px 4px #A21085; box-shadow:4px 4px 4px  
4px #A21085 }
```

# Background

The CSS property to change the background color of an element to Hex A21085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A21085 }
```

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

```
.background{ background-color:#A21085 }
```

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