

# Converting Colors

Hex(A40088)

Have a look what the booklet for  
Hex(A40088) contains.

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**Color**

**Hex(A40088)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A40088
RGB	164, 0, 136
RGB Percent	64%, 0%, 53%
CMY	0.3569, 1.0000, 0.4667
CMYK	0.00, 1.00, 0.17, 0.36
HSL	310°, 100%, 32%
HSV	310°, 100%, 64%
XYZ	19.7538, 9.6701, 24.1179
YIQ	64.5400, 54.0880, 77.0640

# Conversions

## Conversions Part 2

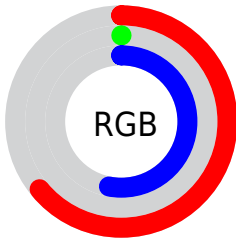
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 0, 136
Decimal	10748040
CIELab	37.24, 66.67, -29.21
CIELCh	37, 72.790, 336.340
Yxy	9.6701, 0.3689, 0.1806
Android (android.graphics.Color)	4288938120 (0xFFA40088)
YUV	64.5400, 35.2298, 87.2264
Hunter-Lab	31.0968, 58.9702, -24.2162

# Details

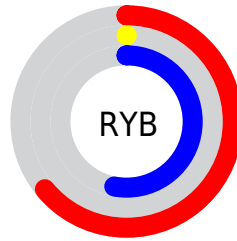
The Hex color **A40088** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00A41C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **DF51BE**, and **6B0056** is the 20% darker color. If you saturate the color by 10%, you get **A40088**, and if you desaturate by 10%, it is **A4108B**.

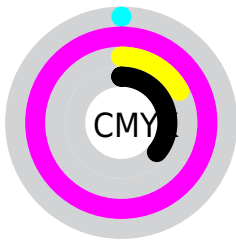
# Distribution



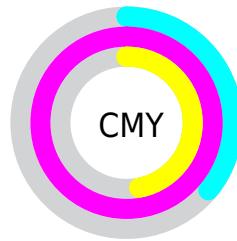
- Red (64%)
- Green (0%)
- Blue (53%)



- Red (64%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A40088 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 A40088 by changing the saturation by 10% instead.



 A40088

 A40088

FFFFFF

 87006E

 DF51BE

 6B0056

 FD6EDA

 50003E

 FF8AF6

 360028

 FFA7FF

 130011

 FFC4FF

 000000

 FFE1FF

 A40088

 A4108B

 A4218E

 A43190

 A44293

 A45296

 A46299

 A4739C

 A4839E

 A494A1

# Harmonies

## Analogous

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



6140B8



A40088



BA004E

# Triad

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



A40088



615A00



006F9D

# Complementary

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



A40088



00A41C

# 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.



006F63



A40088



186600

# Square

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



A40088



904200



006C24



006AC5

# Rectangle

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



A40088



B60028



006C24



006F8B



# Sweetspot

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



A40088



D696CB



1B00A4



6B4565



EBEBEB



6B6B6B



# Same Dimension

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



A40088



D600B2



A40037



524950



910079



12000F



# Inverse Universe

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



A40088



D600B2



00A46D



524950



910079



12000F



# Previews

## White Background



This preview shows how the Hex color A40088 looks on a white background.

## Color Contrast Check

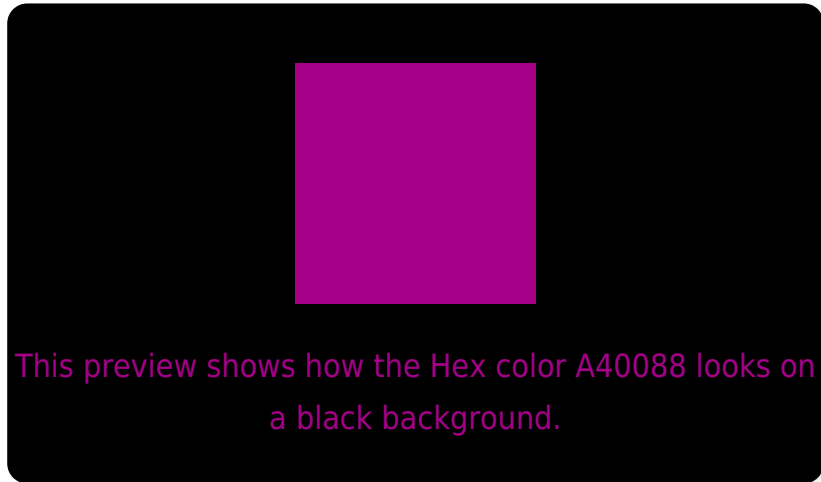
Large Text (above 18pt) WCAG AA ✓ Pass

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

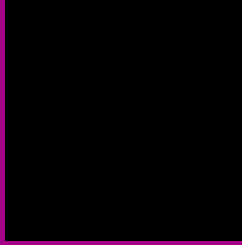
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A40088 Background



This preview shows how black text looks on a background with the Hex color A40088.




This preview shows how white text looks on a background with the Hex color A40088.

# 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**  
9D3639

# Trichromacy



**Original Color**

A40088



**Protanomaly**

3C37A7



**Deuteranomaly**

6D3983



**Tritanomaly**

A02256

# Monochromacy



**Original Color**

A40088



**Achromatopsia**

414141



**Achromatomaly**

65295B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A40088 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 #A40088 looks like.

```
.text, #text, p{  
    color:#A40088  
}
```

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 #A40088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A40088
}
```

## Border

The CSS property to change the border of an element to Hex A40088 is called "border". The border property can be set on classes, ids or directly on the HTML element.

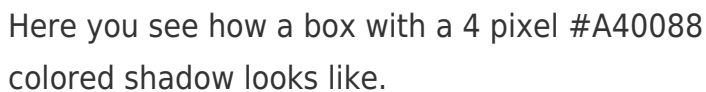
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A40088 }
```

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

```
.border{ border-color:#A40088 }
```

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



Here you see how a box with a 4 pixel #A40088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A40088; -webkit-box-shadow:4px 4px  
4px 4px #A40088; box-shadow:4px 4px 4px  
4px #A40088 }
```

# Background

The CSS property to change the background color of an element to Hex A40088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A40088 }
```

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

```
.background{ background-color:#A40088 }
```

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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