

# Converting Colors

Hex(A40038)

Have a look what the booklet for  
Hex(A40038) contains.

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**Color**

**Hex(A40038)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A40038
RGB	164, 0, 56
RGB Percent	64%, 0%, 22%
CMY	0.3569, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.66, 0.36
HSL	340°, 100%, 32%
HSV	340°, 100%, 64%
XYZ	16.0237, 8.1780, 4.4754
YIQ	55.4200, 79.7680, 52.1840

# Conversions

## Conversions Part 2

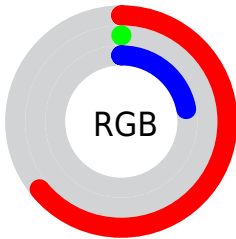
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 0, 56
Decimal	10747960
CIELab	34.35, 59.18, 17.79
CIELCh	34, 61.799, 16.731
Yxy	8.1780, 0.5588, 0.2852
Android (android.graphics.Color)	4288938040 (0xFFA40038)
YUV	55.4200, 0.2859, 95.2247
Hunter-Lab	28.5973, 49.9721, 10.7394

# Details

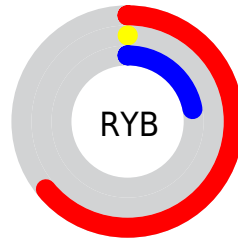
The Hex color **A40038** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A46C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **E14D66**, and **68000E** is the 20% darker color. If you saturate the color by 10%, you get **A40038**, and if you desaturate by 10%, it is **A41043**.

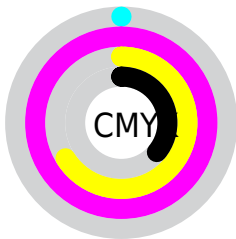
# Distribution



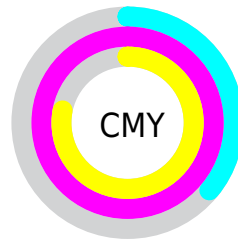
- Red (64%)
- Green (0%)
- Blue (22%)



- Red (64%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A40038 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 A40038 by changing the saturation by 10% instead.



 A40038

 A40038

FFFFFF

 860023

 E14D66

 68000E

 FF697F

 4B0001

 FF8599

 2E0002

 FFA2B4

 000000

 FFBECF

 FFDBEC

 FFF9FF

 A40038

 A41043

 A4214E

 A43158

 A44263

 A4526E

 A46279

 A47384

 A4838E

 A49499

# Harmonies

## Analogous

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



9B0869



A40038



952C04

# Triad

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



A40038



006000



005DB2

# Complementary

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



A40038



00A46C

# 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.



006498



A40038



006438

# Square

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



A40038



4A5700



00656C



004E80

# Rectangle

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



A40038



813F00



00656C



0060AC



# Sweetspot

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



A40038



D696AC



6B00A4



6B4552



EBEBEB



6B6B6B



# Same Dimension

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



A40038



D60049



A41900



52494C



910032



120006



# Inverse Universe

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



A40038



D60049



008BA4



52494C



910032



120006



# Previews

## White Background



This preview shows how the Hex color A40038 looks on a white background.

## Color Contrast Check

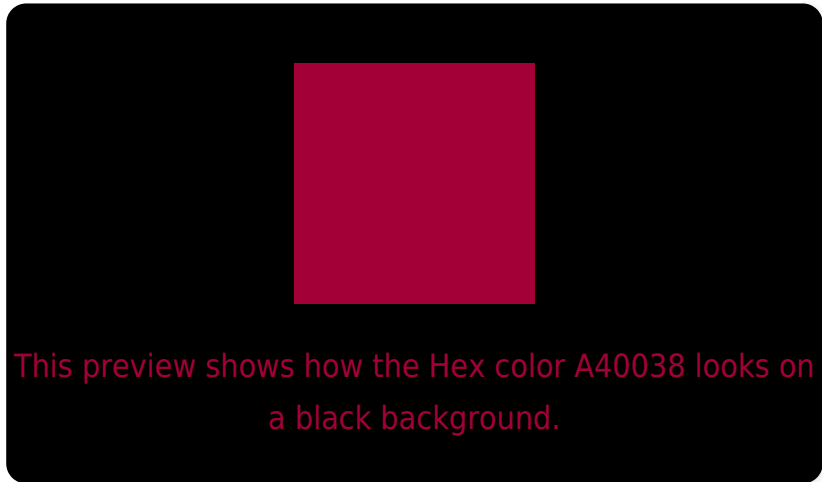
Large Text (above 18pt) WCAG AA ✓ Pass

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 A40038 Background



This preview shows how black text looks on a background with the Hex color A40038.

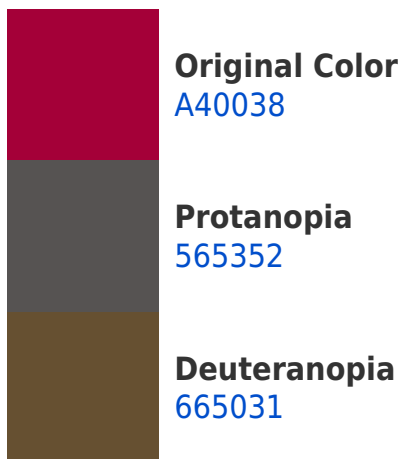



This preview shows how white text looks on a background with the Hex color A40038.

# 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](#).

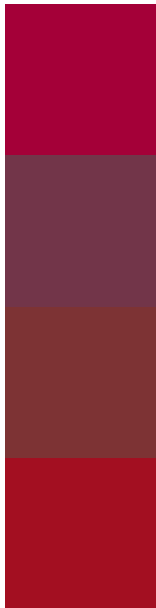
## Dichromacy





**Tritanopia**  
A31714

# Trichromacy



**Original Color**  
A40038

**Protanomaly**  
723549

**Deuteranomaly**  
7D3334

**Tritanomaly**  
A30F21

# Monochromacy



**Original Color**  
A40038

**Achromatopsia**  
373737

**Achromatomaly**  
5F2337

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A40038 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 #A40038 looks like.

```
.text, #text, p{  
    color:#A40038  
}
```

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 #A40038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A40038
}
```

## Border

The CSS property to change the border of an element to Hex A40038 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
#A40038 }
```

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

```
.border{ border-color:#A40038 }
```

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

Here you see how a box with a 4 pixel #A40038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A40038; -webkit-box-shadow:4px 4px  
4px 4px #A40038; box-shadow:4px 4px 4px  
4px #A40038 }
```

# Background

The CSS property to change the background color of an element to Hex A40038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A40038 }
```

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

```
.background{ background-color:#A40038 }
```

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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