

# Converting Colors

Hex(A50C80)

Have a look what the booklet for  
Hex(A50C80) contains.

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# Color

**Hex(A50C80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A50C80
RGB	165, 12, 128
RGB Percent	65%, 5%, 50%
CMY	0.3529, 0.9529, 0.4980
CMYK	0.00, 0.93, 0.22, 0.35
HSL	315°, 86%, 35%
HSV	315°, 93%, 65%
XYZ	19.5448, 9.8208, 21.2876
YIQ	70.9710, 53.9520, 68.5120

# Conversions

## Conversions Part 2

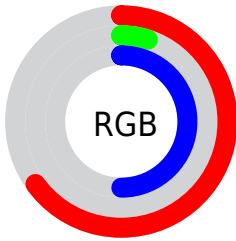
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 12, 128
Decimal	10816640
CIELab	37.52, 64.44, -23.80
CIElCh	38, 68.693, 339.724
Yxy	9.8208, 0.3859, 0.1939
Android (android.graphics.Color)	4289006720 (0xFFA50C80)
YUV	70.9710, 28.1153, 82.4634
Hunter-Lab	31.3381, 56.4842, -18.3382

# Details

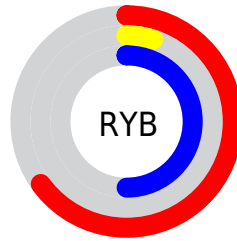
The Hex color **A50C80** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0CA531**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **E054B5**, and **6C004E** is the 20% darker color. If you saturate the color by 10%, you get **A5007D**, and if you desaturate by 10%, it is **A51C84**.

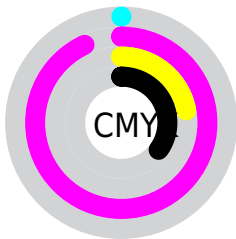
# Distribution



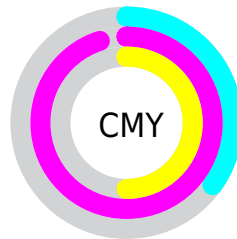
- Red (65%)
- Green (5%)
- Blue (50%)



- Red (65%)
- Yellow (5%)
- Blue (50%)



- Cyan (0%)
- Magenta (93%)
- Yellow (22%)
- Black (35%)



- Cyan (35%)
- Magenta (95%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A50C80 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 A50C80 by changing the saturation by 10% instead.



 A50C80

 A50C80

FFFFFF

 880067

 E054B5

 6C004E

 FE70D1

 510037

 FF8DED

 370022

 FFA9FF

 150006

 FFC6FF

 000000

 FFE4FF

 A50C80

 A50C80

 A5007D

 A51C84

 A52D88

 A53D8C

 A54E90

 A55E94

 A56F98

 A57F9C

 A590A0

 A5A0A4

# Harmonies

## Analogous

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



6D3FAF



A50C80



B60049

# Triad

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



A50C80



5C5C00



006E9F

# Complementary

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



A50C80



0CA531

# 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.



006F6A



A50C80



116700

# Square

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



A50C80



8A4700



006D2F



0069C2

# Rectangle

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



A50C80



B11025



006D2F



006F8E



# Sweetspot

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



A50C80



D69AC8



300CA5



6B4762



EBEBEB



6B6B6B



# Same Dimension

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



A50C80



D600A2



A50C35



524950



91006E



12000E



# Inverse Universe

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



A50C80



D600A2



0CA57C



524950



91006E



12000E



# Previews

## White Background



This preview shows how the Hex color A50C80 looks on a white background.

## Color Contrast Check

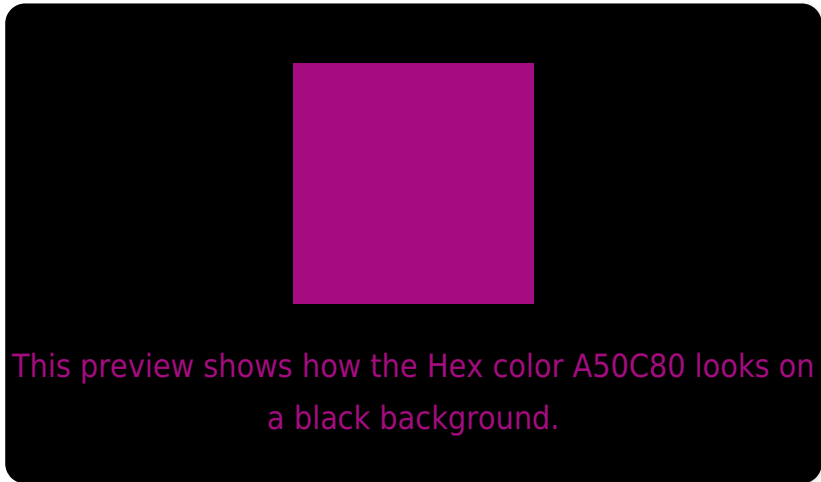
Large Text (above 18pt) WCAG AA ✓ Pass

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

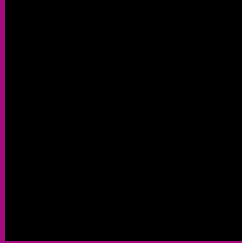
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A50C80 Background



This preview shows how black text looks on a background with the Hex color A50C80.

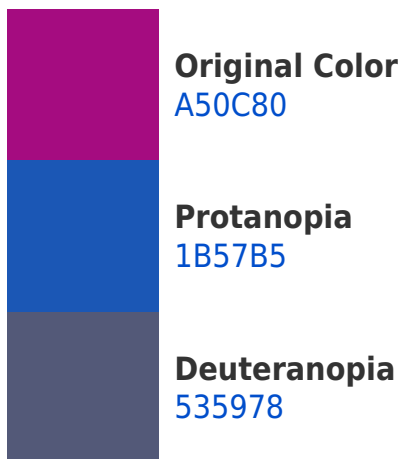



This preview shows how white text looks on a background with the Hex color A50C80.

# 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**  
9F3336

# Trichromacy



**Original Color**  
A50C80



**Protanomaly**  
4D3CA2



**Deuteranomaly**  
713D7B



**Tritanomaly**  
A12551

# Monochromacy



**Original Color**  
A50C80



**Achromatopsia**  
474747



**Achromatomaly**  
69325C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A50C80 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 #A50C80 looks like.

```
.text, #text, p{  
    color:#A50C80  
}
```

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 #A50C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A50C80
}
```

## Border

The CSS property to change the border of an element to Hex A50C80 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
#A50C80 }
```

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

```
.border{ border-color:#A50C80 }
```

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

Here you see how a box with a 4 pixel #A50C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A50C80; -webkit-box-shadow:4px 4px  
4px 4px #A50C80; box-shadow:4px 4px 4px  
4px #A50C80 }
```

# Background

The CSS property to change the background color of an element to Hex A50C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A50C80 }
```

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

```
.background{ background-color:#A50C80 }
```

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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