

# Converting Colors

Hex(A50E69)

Have a look what the booklet for  
Hex(A50E69) contains.

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**Color**

**Hex(A50E69)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A50E69
RGB	165, 14, 105
RGB Percent	65%, 5%, 41%
CMY	0.3529, 0.9451, 0.5882
CMYK	0.00, 0.92, 0.36, 0.35
HSL	324°, 84%, 35%
HSV	324°, 92%, 65%
XYZ	18.2239, 9.3333, 14.2056
YIQ	69.5230, 60.7850, 60.3130

# Conversions

## Conversions Part 2

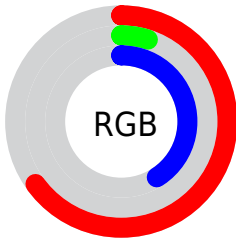
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 14, 105
Decimal	10817129
CIELab	36.62, 61.51, -10.72
CIELCh	37, 62.441, 350.118
Yxy	9.3333, 0.4364, 0.2235
Android (android.graphics.Color)	4289007209 (0xFFA50E69)
YUV	69.5230, 17.4902, 83.7333
Hunter-Lab	30.5505, 53.0149, -6.1838

# Details

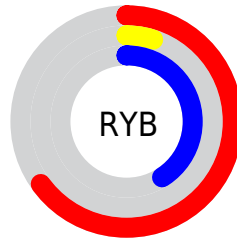
The Hex color **A50E69** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0EA54A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E0539C**, and **6C003A** is the 20% darker color. If you saturate the color by 10%, you get **A50063**, and if you desaturate by 10%, it is **A51E70**.

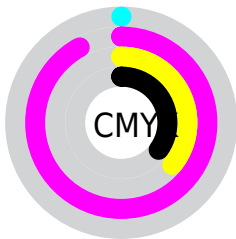
# Distribution



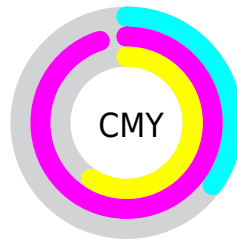
- Red (65%)
- Green (5%)
- Blue (41%)



- Red (65%)
- Yellow (5%)
- Blue (41%)



- Cyan (0%)
- Magenta (92%)
- Yellow (36%)
- Black (35%)



- Cyan (35%)
- Magenta (95%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A50E69 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 A50E69 by changing the saturation by 10% instead.



 A50E69

 A50E69

FFFFFF

 880051

 E0539C

 6C003A

 FF70B7

 500024

 FF8CD3

 36000E

 FFA8EF

 0A0000

 FFC5FF

 000000

 FFE2FF

 A50E69

 A50E69

 A50063

 A51E70

 A52F76

 A5407D

 A55083

 A5608A

 A57190

 A58297

 A5929D

 A5A3A4

# Harmonies

## Analogous

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



803497



A50E69



AB1137

# Triad

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



A50E69



4A5E00



0069A3

# Complementary

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



A50E69



0EA54A

# 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.



006B78



A50E69



006607

# Square

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



A50E69



774E00



006A43



0061BA

# Rectangle

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



A50E69



A12A16



006A43



006A96



# Sweetspot

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



A50E69



D69CBF



480EA5



6B495D



EBEBEB



6B6B6B



# Same Dimension

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



A50E69



D60081



A50E20



52494E



910058



12000B



# Inverse Universe

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



A50E69



D60081



0EA593



52494E



910058



12000B



# Previews

## White Background



This preview shows how the Hex color A50E69 looks on a white background.

## Color Contrast Check

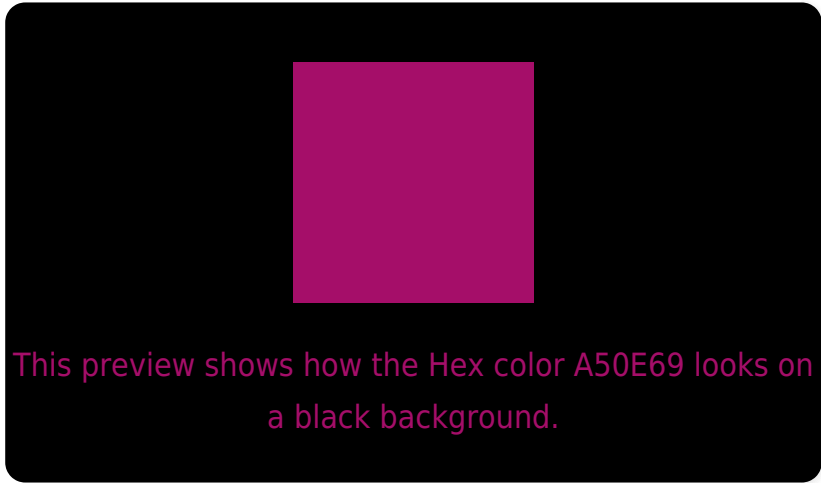
Large Text (above 18pt) WCAG AA ✓ Pass

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 A50E69 Background



This preview shows how black text looks on a background with the Hex color A50E69.

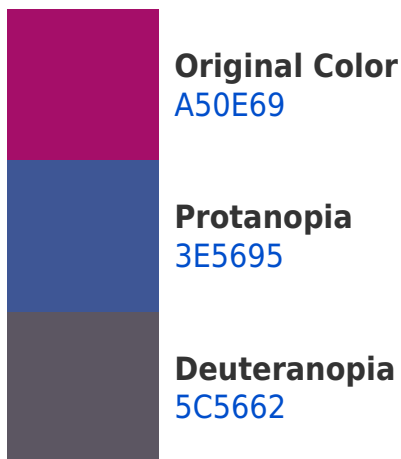


This preview shows how white text looks on a background with the Hex color A50E69.

# 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





# Trichromacy



**Original Color**  
A50E69

**Protanomaly**  
633C85

**Deuteranomaly**  
773C65

**Tritanomaly**  
A22043

# Monochromacy



**Original Color**  
A50E69

**Achromatopsia**  
464646

**Achromatomaly**  
693253

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A50E69 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 #A50E69 looks like.

```
.text, #text, p{  
    color:#A50E69  
}
```

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 #A50E69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A50E69
}
```

## Border

The CSS property to change the border of an element to Hex A50E69 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
#A50E69 }
```

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

```
.border{ border-color:#A50E69 }
```

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

Here you see how a box with a 4 pixel #A50E69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A50E69; -webkit-box-shadow:4px 4px  
4px 4px #A50E69; box-shadow:4px 4px 4px  
4px #A50E69 }
```

# Background

The CSS property to change the background color of an element to Hex A50E69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A50E69 }
```

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

```
.background{ background-color:#A50E69 }
```

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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