

Converting Colors

Hex(A937C9)

Have a look what the booklet for
Hex(A937C9) contains.

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Color

Hex(A937C9)

Conversions

Conversions Part 1	
Format	Color
Hex	A937C9
RGB	169, 55, 201
RGB Percent	66%, 22%, 79%
CMY	0.3373, 0.7843, 0.2118
CMYK	0.16, 0.73, 0.00, 0.21
HSL	287°, 57%, 50%
HSV	287°, 73%, 79%
XYZ	28.2710, 15.3844, 56.7378
YIQ	105.7300, 21.0780, 69.5740

Conversions

Conversions Part 2

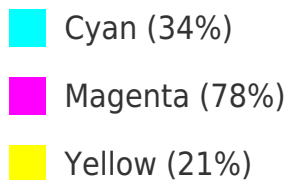
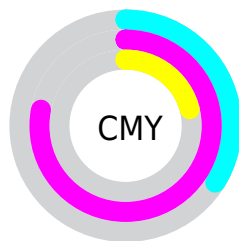
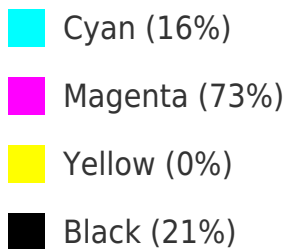
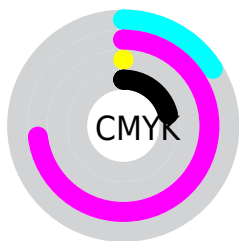
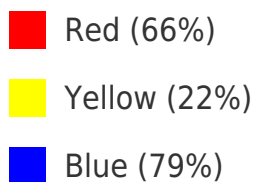
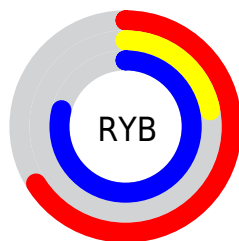
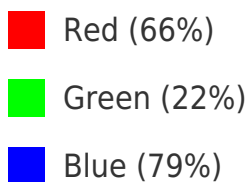
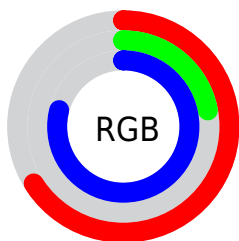
Format	Color
RYB	169, 55, 201
Decimal	11089865
CIELab	46.16, 65.85, -53.78
CIELCh	46, 85.016, 320.763
Yxy	15.3844, 0.2816, 0.1532
Android (android.graphics.Color)	4289279945 (0xFFA937C9)
YUV	105.7300, 46.9681, 55.4878
Hunter-Lab	39.2230, 60.0182, -58.3095

Details

The Hex color **A937C9** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **57C937**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **E470FF**, and **700092** is the 20% darker color. If you saturate the color by 10%, you get **A523C9**, and if you desaturate by 10%, it is **AD4BC9**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color A937C9 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 A937C9 by changing the saturation by 10% instead.

 A937C9

 A937C9

FFFFFF

 8C13AD

 E470FF

 700092

 FF8CFF

 540078

 FFA9FF

 38005E

 FFC5FF

 1D0046

 FFE2FF

 00002E

 000118

 000000

 A937C9

 A937C9

 A523C9

 AD4BC9

 A00FC9

 B25FC9

 9D00C9

 B673C9

 BB87C9

 BF9CC9

 C3B0C9

 C8C4C9

 CCD8C9

 D1ECC9

Harmonies

Analogous

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



0065F5



A937C9



DC0087

Triad

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



A937C9



986300



008A9E

Complementary

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



A937C9



57C937

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.



008854



A937C9



577900

Square

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



A937C9



C83B00



008300



0088DC

Rectangle

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



A937C9



E50058



008300



008A86

Sweetspot

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



A937C9



F3C7FF



3759C9



785E80



000000



808080

Same Dimension

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



A937C9



CE21FF



C937A2



615A63



7F00A3



1C0024

Inverse Universe

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



C93757



FF2152



37C95E



635A5C



A30024



240008

Previews

White Background



This preview shows how the Hex color A937C9 looks on a white background.

Color Contrast Check

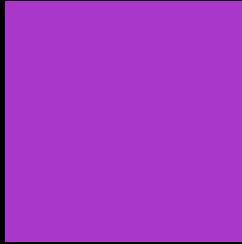
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color A937C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 A937C9 Background



This preview shows how black text looks on a background with the Hex color A937C9.



This preview shows how white text looks on a background with the Hex color A937C9.

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



Original Color

A937C9

Protanopia

006AE1





Deuteranopia

2B6FBF



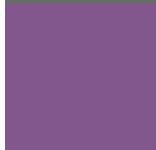


Tritanopia
9B5B62

Trichromacy

	Original Color A937C9
	Protanomaly 3D57D8
	Deuteranomaly 595BC3
	Tritanomaly A04E87

Monochromacy

	Original Color A937C9
	Achromatopsia 6A6A6A
	Achromatomaly 81578D

CSS Examples

Text

The CSS property to change the color of the text to Hex A937C9 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 #A937C9 looks like.

```
.text, #text, p{  
    color:#A937C9  
}
```

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 #A937C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A937C9
}
```

Border

The CSS property to change the border of an element to Hex A937C9 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
#A937C9 }
```

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

```
.border{ border-color:#A937C9 }
```

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

Here you see how a box with a 4 pixel #A937C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A937C9; -webkit-box-shadow:4px 4px  
4px 4px #A937C9; box-shadow:4px 4px 4px  
4px #A937C9 }
```

Background

The CSS property to change the background color of an element to Hex A937C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A937C9 }
```

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

```
.background{ background-color:#A937C9 }
```

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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