

Converting Colors

Hex(A37BEA)

Have a look what the booklet for
Hex(A37BEA) contains.

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Color

Hex(A37BEA)

Conversions

Conversions Part 1

Format	Color
Hex	A37BEA
RGB	163, 123, 234
RGB Percent	64%, 48%, 92%
CMY	0.3608, 0.5176, 0.0824
CMYK	0.30, 0.47, 0.00, 0.08
HSL	262°, 73%, 70%
HSV	262°, 47%, 92%
XYZ	37.0385, 27.8930, 81.2736
YIQ	147.6140, -11.7910, 43.0010

Conversions

Conversions Part 2

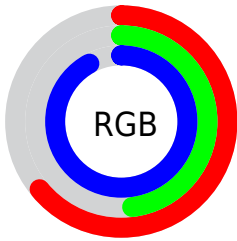
Format	Color
R _Y B	163, 123, 234
Decimal	10714090
CIE Lab	59.79, 38.52, -50.75
CIE LCh	60, 63.711, 307.200
Yxy	27.8930, 0.2533, 0.1908
Android (android.graphics.Color)	4288904170 (0xFFA37BEA)
YUV	147.6140, 42.5883, 13.4935
Hunter-Lab	52.8138, 32.7586, -54.2700

Details

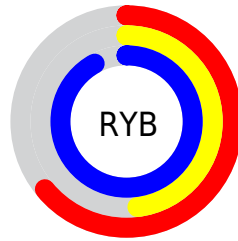
The Hex color **A37BEA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C2EA7B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **DCB0FF**, and **6C49B2** is the 20% darker color. If you saturate the color by 10%, you get **9464EA**, and if you desaturate by 10%, it is **B292EA**.

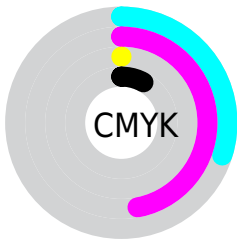
Distribution



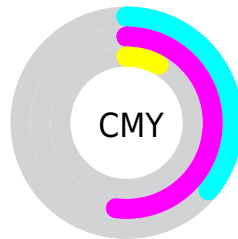
- Red (64%)
- Green (48%)
- Blue (92%)



- Red (64%)
- Yellow (48%)
- Blue (92%)



- Cyan (30%)
- Magenta (47%)
- Yellow (0%)
- Black (8%)



- Cyan (36%)
- Magenta (52%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color A37BEA 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 A37BEA by changing the saturation by 10% instead.

 A37BEA

 A37BEA

FFFFFF

 8762CD

 DCB0FF

 6C49B2

 FACCFE

 503196

 FFE8FF

 341A7C

 140362

 00004A

 000432

 00021C

 000000

 A37BEA

 A37BEA

 9464EA

 B292EA

 854CEA

 C1AAEA

 7635EA

 D0C1EA

 671DEA

 DFD9EA

 5806EA

 EEF0EA

 5400EA

 FDFFEA

 FFFFEA

Harmonies

Analogous

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



0192FF



A37BEA



DE62BD

Triad

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



A37BEA



CE7D21



00AA9C

Complementary

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



A37BEA



C2EA7B

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.



00A762



A37BEA



9F9203

Square

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



A37BEA



ED664F



64A02D



00A9D3

Rectangle

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



A37BEA



F05898



64A02D



00AA89

Sweetspot

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



A37BEA



E8DBFF



7BC3EA



726A80



000000



808080

Same Dimension

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



A37BEA



A26EFF



D97BEA



6E6A75



4100B5



130036

Inverse Universe

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



EA7BC2



FF6ECB



8CEA7B



756A71



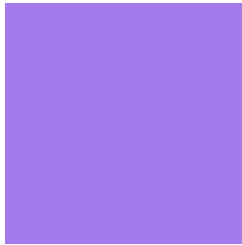
B50074



360022

Previews

White Background



This preview shows how the Hex color A37BEA looks on a white background.

Color Contrast Check

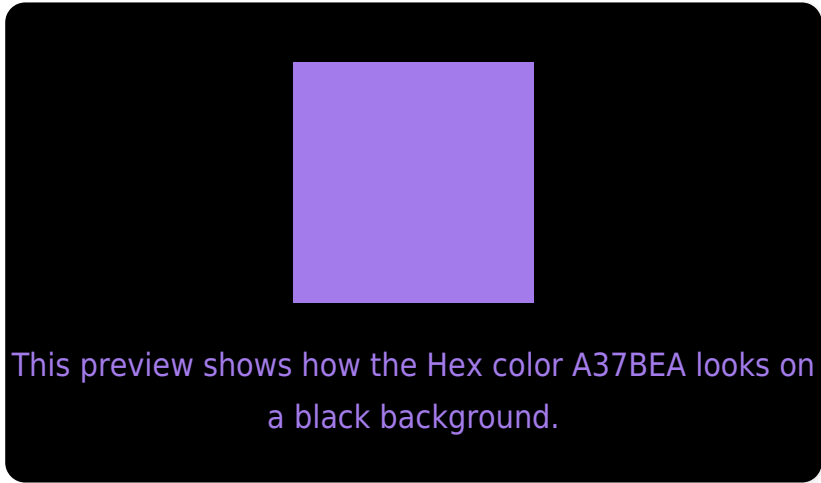
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

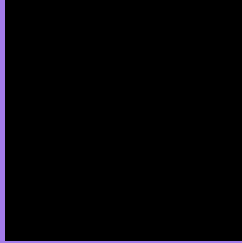
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A37BEA Background



This preview shows how black text looks on a background with the Hex color A37BEA.



This preview shows how white text looks on a background with the Hex color A37BEA.

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](#).

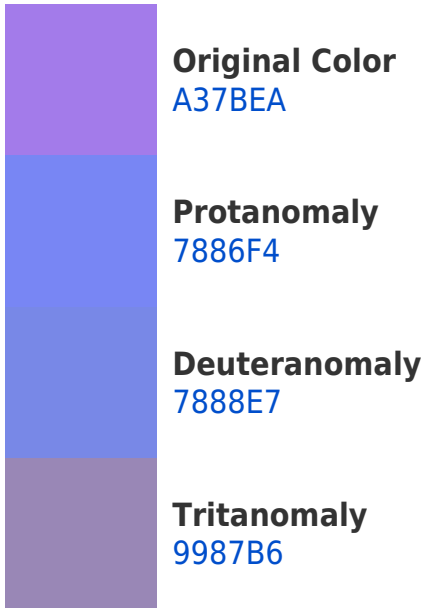
Dichromacy





Tritanopia
938E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A37BEA 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 #A37BEA looks like.

```
.text, #text, p{  
    color:#A37BEA  
}
```

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 #A37BEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37BEA
}
```

Border

The CSS property to change the border of an element to Hex A37BEA 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
#A37BEA }
```

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

```
.border{ border-color:#A37BEA }
```

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

Here you see how a box with a 4 pixel #A37BEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37BEA; -webkit-box-shadow:4px 4px  
4px 4px #A37BEA; box-shadow:4px 4px 4px  
4px #A37BEA }
```

Background

The CSS property to change the background color of an element to Hex A37BEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37BEA }
```

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

```
.background{ background-color:#A37BEA }
```

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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