

Converting Colors

Hex(A37CF6)

Have a look what the booklet for
Hex(A37CF6) contains.

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Color

Hex(A37CF6)

Conversions

Conversions Part 1

Format	Color
Hex	A37CF6
RGB	163, 124, 246
RGB Percent	64%, 49%, 96%
CMY	0.3608, 0.5137, 0.0353
CMYK	0.34, 0.50, 0.00, 0.04
HSL	259°, 87%, 73%
HSV	259°, 50%, 96%
XYZ	38.9465, 28.8557, 90.7058
YIQ	149.5690, -15.9180, 46.2100

Conversions

Conversions Part 2

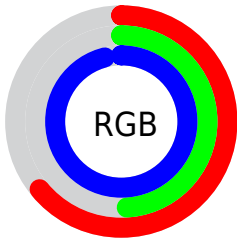
Format	Color
R _Y B	163, 124, 246
Decimal	10714358
CIE Lab	60.65, 40.97, -56.02
CIE LCh	61, 69.407, 306.178
Yxy	28.8557, 0.2457, 0.1820
Android (android.graphics.Color)	4288904438 (0xFFA37CF6)
YUV	149.5690, 47.5405, 11.7790
Hunter-Lab	53.7175, 35.4113, -62.5132

Details

The Hex color **A37CF6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **CFF67C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **DDB1FF**, and **6B4ABD** is the 20% darker color. If you saturate the color by 10%, you get **9263F6**, and if you desaturate by 10%, it is **B495F6**.

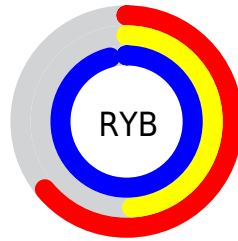
Distribution



Red (64%)

Green (49%)

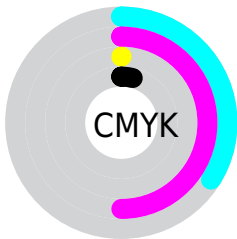
Blue (96%)



Red (64%)

Yellow (49%)

Blue (96%)

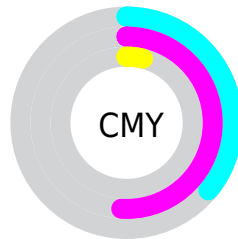


Cyan (34%)

Magenta (50%)

Yellow (0%)

Black (4%)



Cyan (36%)

Magenta (51%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color A37CF6 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 A37CF6 by changing the saturation by 10% instead.

 A37CF6

 A37CF6

FFFFFF

 8763D9


 DDB1FF

 6B4ABD

 FBCDFF

 4E32A1

 FFEAFF

 311B87

 09036D

 000054

 00053B

 000225

 00010D

 A37CF6


 A37CF6

 9263F6

 B495F6

 824BF6

 C4ADF6

 7132F6

 D5C6F6

 601AF6

 E6DEF6

 4F01F6

 F7F7F6

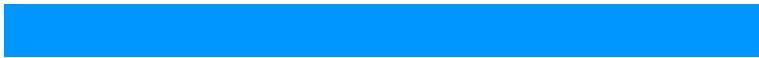
 4F00F6

 FFFFF6

Harmonies

Analogous

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



0096FF



A37CF6



E55FC5

Triad

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



A37CF6



D67D14



00AE9E

Complementary

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



A37CF6



CFF67C

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.



00AB5E



A37CF6



A49400

Square

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



A37CF6



F7614D



63A321



00ADD9

Rectangle

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



A37CF6



FA539D



63A321



00AE88

Sweetspot

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



A37CF6



E5D9FF



7CCFF6



706980



000000



808080

Same Dimension

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



A37CF6



9766FF



E07CF6



726E7A



3C00BA



13003B

Inverse Universe

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



F67CCF



FF66CE



92F67C



7A6E76



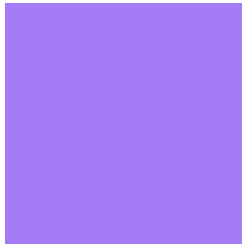
BA007F



3B0028

Previews

White Background



This preview shows how the Hex color A37CF6 looks on a white background.

Color Contrast Check

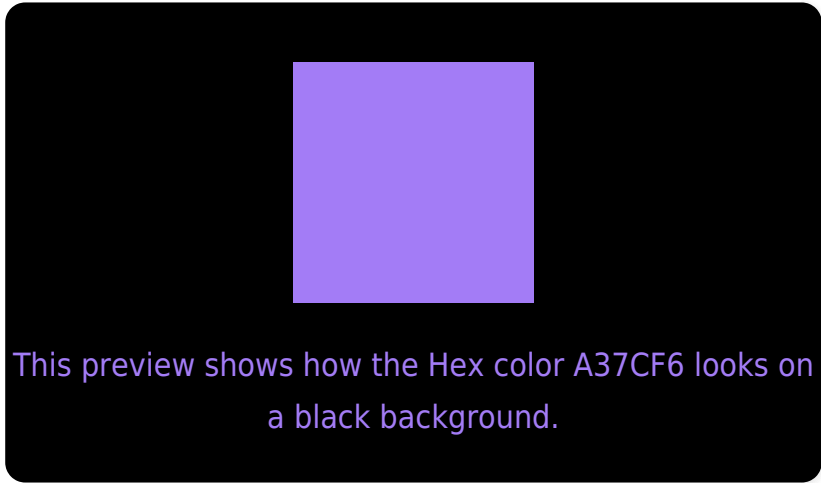
Large Text (above 18pt) WCAG AA ✓ Pass

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

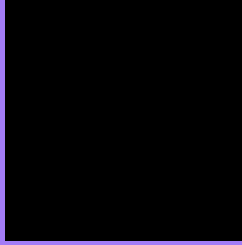
Any Text WCAG AA ✓ Pass

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 A37CF6 Background



This preview shows how black text looks on a background with the Hex color A37CF6.

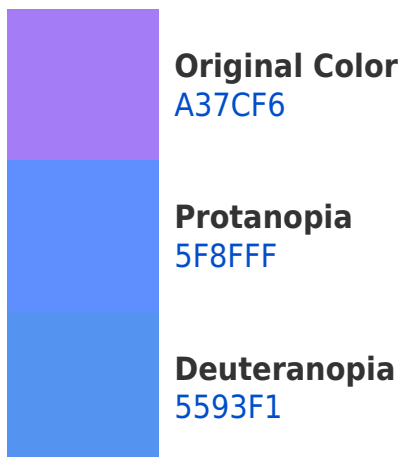



This preview shows how white text looks on a background with the Hex color A37CF6.

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
91919D

Trichromacy



Original Color
A37CF6



Protanomaly
7888FC



Deuteranomaly
718BF3



Tritanomaly
9889BD

Monochromacy



Original Color
A37CF6



Achromatopsia
969696



Achromatomaly
9B8DB9

CSS Examples

Text

The CSS property to change the color of the text to Hex A37CF6 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 #A37CF6 looks like.

```
.text, #text, p{  
    color:#A37CF6  
}
```

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 #A37CF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37CF6  
}
```

Border

The CSS property to change the border of an element to Hex A37CF6 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  
#A37CF6 }
```

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

```
.border{ border-color:#A37CF6 }
```

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

Here you see how a box with a 4 pixel #A37CF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37CF6; -webkit-box-shadow:4px 4px  
4px 4px #A37CF6; box-shadow:4px 4px 4px  
4px #A37CF6 }
```

Background

The CSS property to change the background color of an element to Hex A37CF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37CF6 }
```

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

```
.background{ background-color:#A37CF6 }
```

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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