

Converting Colors

Hex(A37BD3)

Have a look what the booklet for
Hex(A37BD3) contains.

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Color

Hex(A37BD3)

Conversions

Conversions Part 1

Format	Color
Hex	A37BD3
RGB	163, 123, 211
RGB Percent	64%, 48%, 83%
CMY	0.3608, 0.5176, 0.1725
CMYK	0.23, 0.42, 0.00, 0.17
HSL	267°, 50%, 65%
HSV	267°, 42%, 83%
XYZ	33.9451, 26.6556, 64.9840
YIQ	144.9920, -4.4080, 35.8480

Conversions

Conversions Part 2

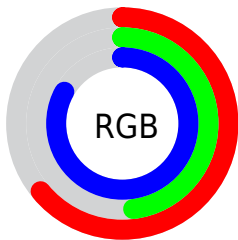
Format	Color
RYB	163, 123, 211
Decimal	10714067
CIELab	58.65, 32.96, -39.67
CIELCh	59, 51.579, 309.718
Yxy	26.6556, 0.2703, 0.2123
Android (android.graphics.Color)	4288904147 (0xFFA37BD3)
YUV	144.9920, 32.5419, 15.7930
Hunter-Lab	51.6291, 27.0094, -38.4862

Details

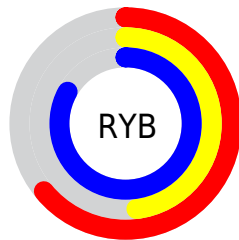
The Hex color **A37BD3** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ABD37B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **DBB0FF**, and **6D499C** is the 20% darker color. If you saturate the color by 10%, you get **9766D3**, and if you desaturate by 10%, it is **AF90D3**.

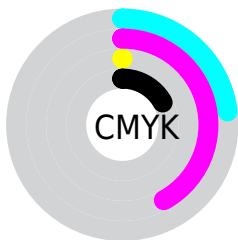
Distribution



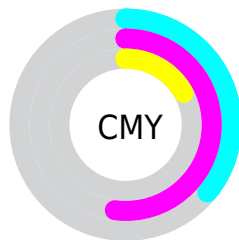
- Red (64%)
- Green (48%)
- Blue (83%)



- Red (64%)
- Yellow (48%)
- Blue (83%)



- Cyan (23%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)



- Cyan (36%)
- Magenta (52%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color A37BD3 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 A37BD3 by changing the saturation by 10% instead.

 A37BD3

 A37BD3

FFFFFF

 8862B7

 DBB0FF

 6D499C

 F8CCFF

 533282

 FFE8FF

 3A1B68

 20044F

 0A0038

 000222

 000007

 000000

 A37BD3

 A37BD3

 9766D3

 AF90D3

 8C51D3

 BAA5D3

 803CD3

 C6BAD3

 7527D3

 D1CFD3

 6912D3

 DDE4D3

 6000D3

 E8FAD3

 F4FFD3

 FFFFD3

Harmonies

Analogous

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



538DE6



A37BD3



CF6AAD

Triad

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



A37BD3



BF8036



00A39B

Complementary

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



A37BD3



ABD37B

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.



05A16C



A37BD3



988F2D

Square

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



A37BD3



D96E55



679B44



00A1C6

Rectangle

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



A37BD3



DE648F



679B44



00A38B

Sweetspot

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



A37BD3



EDDEFF



7BABD3



746B80



000000



808080

Same Dimension

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



A37BD3



B980FF



CF7BD3



635E69



4C00A8



130029

Inverse Universe

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



D37BAB



FF80C5



7FD37B



695E64



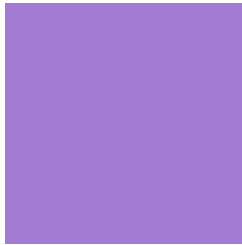
A8005C



290016

Previews

White Background



This preview shows how the Hex color A37BD3 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

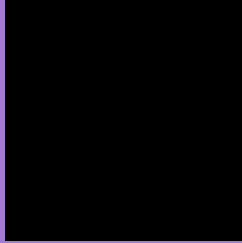
Any Text WCAG AA ✓ Pass

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 A37BD3 Background



This preview shows how black text looks on a background with the Hex color A37BD3.

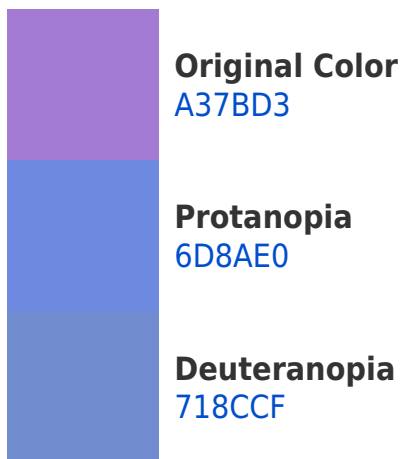


This preview shows how white text looks on a background with the Hex color A37BD3.

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](#).

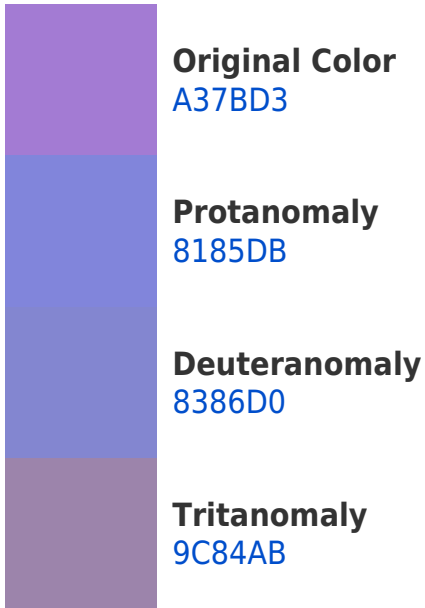
Dichromacy





Tritanopia
988994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A37BD3 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 #A37BD3 looks like.

```
.text, #text, p{  
    color:#A37BD3  
}
```

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 #A37BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37BD3  
}
```

Border

The CSS property to change the border of an element to Hex A37BD3 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  
#A37BD3 }
```

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

```
.border{ border-color:#A37BD3 }
```

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

Here you see how a box with a 4 pixel #A37BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37BD3; -webkit-box-shadow:4px 4px  
4px 4px #A37BD3; box-shadow:4px 4px 4px  
4px #A37BD3 }
```

Background

The CSS property to change the background color of an element to Hex A37BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37BD3 }
```

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

```
.background{ background-color:#A37BD3 }
```

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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