

Converting Colors

Hex(D37BA6)

Have a look what the booklet for
Hex(D37BA6) contains.

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Color

Hex(D37BA6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D37BA6 |
| RGB | 211, 123, 166 |
| RGB Percent | 83%, 48%, 65% |
| CMY | 0.1725, 0.5176, 0.3490 |
| CMYK | 0.00, 0.42, 0.21, 0.17 |
| HSL | 331°, 50%, 65% |
| HSV | 331°, 42%, 83% |
| XYZ | 40.8299, 30.7680, 39.8632 |
| YIQ | 154.2140, 38.6450, 32.0290 |

Conversions

Conversions Part 2

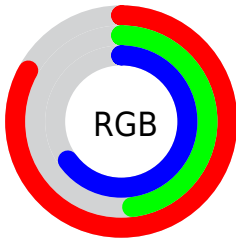
| Format | Color |
|-------------------------------------|---|
| RYB | 211, 123, 166 |
| Decimal | 13859750 |
| CIELab | 62.31, 39.72, -8.06 |
| CIELCh | 62, 40.528, 348.534 |
| Yxy | 30.7680, 0.3663, 0.2760 |
| Android (android.graphics.Color) | 4292049830 (0xFFD37BA6) |
| YUV | 154.2140, 5.8105, 49.8013 |
| Hunter-Lab | 55.4689, 34.3208, -3.7811 |

Details

The Hex color **D37BA6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BD3A8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB1DD**, and **9A4772** is the 20% darker color. If you saturate the color by 10%, you get **D3669B**, and if you desaturate by 10%, it is **D390B1**.

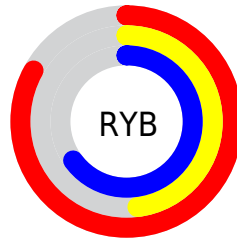
Distribution



Red (83%)

Green (48%)

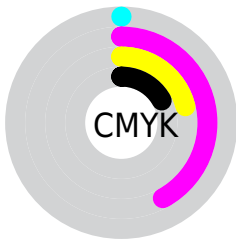
Blue (65%)



Red (83%)

Yellow (48%)

Blue (65%)

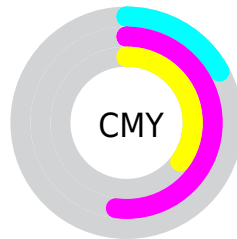


Cyan (0%)

Magenta (42%)

Yellow (21%)

Black (17%)



Cyan (17%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color D37BA6 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 D37BA6 by changing the saturation by 10% instead.

 D37BA6

 D37BA6

FFFFFF

 B6618C

 FFB1DD

 9A4772

 FFCDDA

 7F2E5A

 FFEAFF

 651342

 4B002C

 330018

 100000

 000000

 D37BA6

 D37BA6

 D3669B

 D390B1

 D35190

 D3A5BC

 D33C86

 D3BAC6

 D3277B

 D3CFD1

 D31270

 D3E4DC

 D30067

 D3FAE7

 D3FFF2

 D3FFFC

 D3FFFF

Harmonies

Analogous

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



B685C7



D37BA6



DC7A82

Triad

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



D37BA6



979B51



00A6CC

Complementary

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



D37BA6



7BD3A8

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.



00A9AC



D37BA6



6EA466

Square

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



D37BA6



B99050



38A887



3D9EDD

Rectangle

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



D37BA6



D77F6C



38A887



00A8C2

Sweetspot

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



D37BA6



FFDEEE



A77BD3



806B75



000000



808080

Same Dimension

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



D37BA6



FF80BE



D37B7B



695E63



A80052



290014

Inverse Universe

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



D37BA6



FF80BE



7BD3D3



695E63



A80052



290014

Previews

White Background



This preview shows how the Hex color D37BA6 looks on a white background.

Color Contrast Check

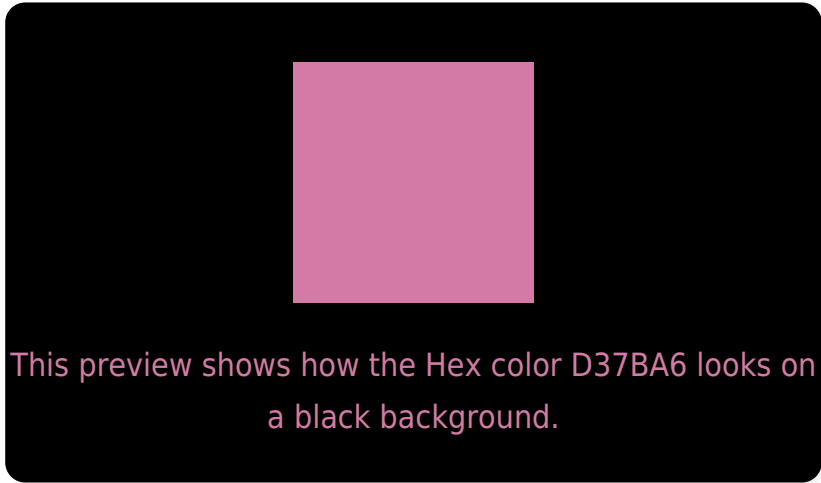
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

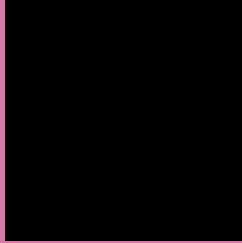
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex D37BA6 Background



This preview shows how black text looks on a background with the Hex color D37BA6.



This preview shows how white text looks on a background with the Hex color D37BA6.

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](#).

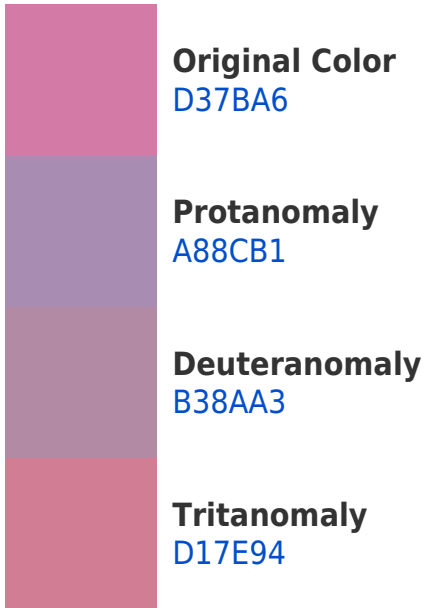
Dichromacy





Tritanopia
D0808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D37BA6 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 #D37BA6 looks like.

```
.text, #text, p{  
    color:#D37BA6  
}
```

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 #D37BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37BA6
}
```

Border

The CSS property to change the border of an element to Hex D37BA6 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
#D37BA6 }
```

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

```
.border{ border-color:#D37BA6 }
```

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

Here you see how a box with a 4 pixel #D37BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37BA6; -webkit-box-shadow:4px 4px  
4px 4px #D37BA6; box-shadow:4px 4px 4px  
4px #D37BA6 }
```

Background

The CSS property to change the background color of an element to Hex D37BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37BA6 }
```

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

```
.background{ background-color:#D37BA6 }
```

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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