

Converting Colors

Hex(D437D4)

Have a look what the booklet for
Hex(D437D4) contains.

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Color

Hex(D437D4)

Conversions

Conversions Part 1

Format	Color
Hex	D437D4
RGB	212, 55, 212
RGB Percent	83%, 22%, 83%
CMY	0.1686, 0.7843, 0.1686
CMYK	0.00, 0.74, 0.00, 0.17
HSL	300°, 65%, 52%
HSV	300°, 74%, 83%
XYZ	40.4012, 21.4829, 64.3046
YIQ	119.8410, 43.1750, 82.1110

Conversions

Conversions Part 2

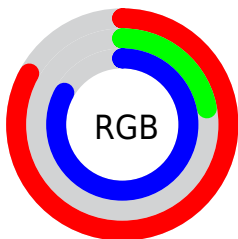
Format	Color
R_{YB}	212, 55, 212
Decimal	13907924
CIE _{Lab}	53.47, 76.49, -48.02
CIE _{LCh}	53, 90.309, 327.880
Yxy	21.4829, 0.3202, 0.1702
Android (android.graphics.Color)	4292098004 (0xFFD437D4)
YUV	119.8410, 45.4344, 80.8234
Hunter-Lab	46.3496, 74.4798, -49.8130

Details

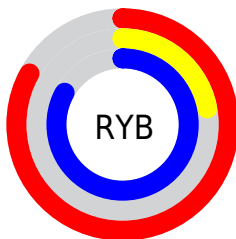
The Hex color **D437D4** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **37D437**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF76FF**, and **99009D** is the 20% darker color. If you saturate the color by 10%, you get **D422D4**, and if you desaturate by 10%, it is **D44CD4**.

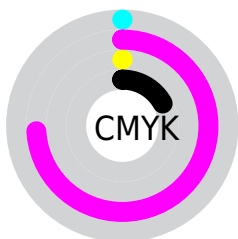
Distribution



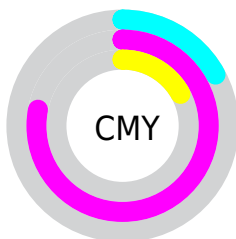
- Red (83%)
- Green (22%)
- Blue (83%)



- Red (83%)
- Yellow (22%)
- Blue (83%)



- Cyan (0%)
- Magenta (74%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (78%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color D437D4 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 D437D4 by changing the saturation by 10% instead.

 D437D4

 D437D4

FFFFFF

 B601B8

 FF76FF

 99009D

 FF93FF

 7C0082

 FFBOFF

 600068

 FFCEFF

 45004F

 FFECFF

 290038

 000021

 000006

 000000

 D437D4

 D437D4

 D422D4

 D44CD4

 D40DD4

 D461D4

 D400D4

 D477D4

 D48CD4

 D4A1D4

 D4B6D4

 D4CBD4

 D4E1D4

 D4F6D4

Harmonies

Analogous

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



5E6DFF



D437D4



FF0089

Triad

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



D437D4



A07B00



009FC7

Complementary

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



D437D4



37D437

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.



009F78



D437D4



529000

Square

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



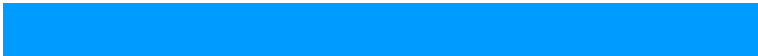
D437D4



DA5700



009A1F



009BFF

Rectangle

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



D437D4



FF0056



009A1F



00A0AE

Sweetspot

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



D437D4



FFC7FF



3737D4



805E80



000000



808080

Same Dimension

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



D437D4



FF1CFF



D43786



6B606B



AB00AB



2B002B

Inverse Universe

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



D437D4



FF1CFF



37D486



6B606B



AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color D437D4 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

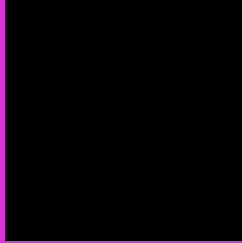
Any Text WCAG AA ✓ Pass

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 D437D4 Background



This preview shows how black text looks on a background with the Hex color D437D4.

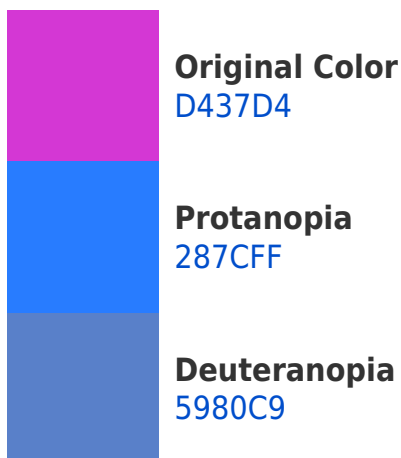


This preview shows how white text looks on a background with the Hex color D437D4.

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](#).

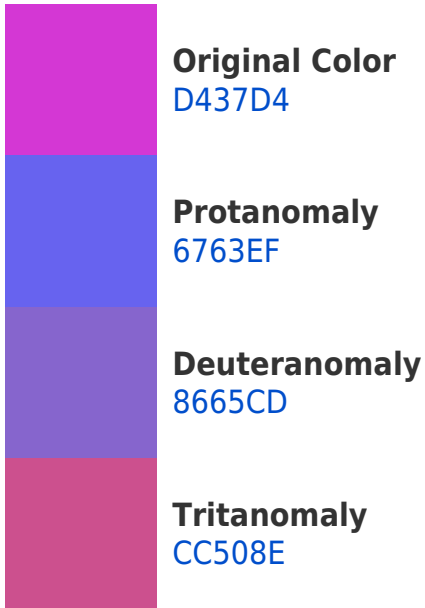
Dichromacy



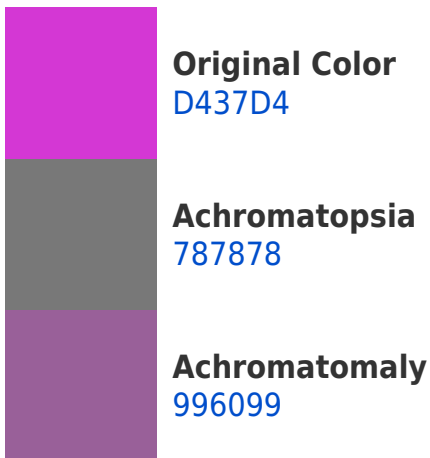


Tritanopia
C85F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D437D4 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 #D437D4 looks like.

```
.text, #text, p{  
    color:#D437D4  
}
```

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 #D437D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D437D4
}
```

Border

The CSS property to change the border of an element to Hex D437D4 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
#D437D4 }
```

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

```
.border{ border-color:#D437D4 }
```

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

Here you see how a box with a 4 pixel #D437D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D437D4; -webkit-box-shadow:4px 4px  
4px 4px #D437D4; box-shadow:4px 4px 4px  
4px #D437D4 }
```

Background

The CSS property to change the background color of an element to Hex D437D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D437D4 }
```

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

```
.background{ background-color:#D437D4 }
```

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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