

Converting Colors

Hex(D13875)

Have a look what the booklet for
Hex(D13875) contains.

Hex(D13875)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D13875)

Conversions

Conversions Part 1

Format	Color
Hex	D13875
RGB	209, 56, 117
RGB Percent	82%, 22%, 46%
CMY	0.1804, 0.7804, 0.5412
CMYK	0.00, 0.73, 0.44, 0.18
HSL	336°, 62%, 52%
HSV	336°, 73%, 82%
XYZ	30.9196, 17.6680, 18.6102
YIQ	108.7010, 71.6070, 51.4070

Conversions

Conversions Part 2

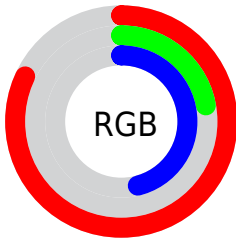
Format	Color
R_{YB}	209, 56, 117
Decimal	13711477
CIE _{Lab}	49.09, 63.31, 1.23
CIE _{LCh}	49, 63.323, 1.116
Yxy	17.6680, 0.4601, 0.2629
Android (android.graphics.Color)	4291901557 (0xFFD13875)
YUV	108.7010, 4.0914, 87.9622
Hunter-Lab	42.0333, 57.7456, 3.1727

Details

The Hex color **D13875** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **38D194**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF73A9**, and **950045** is the 20% darker color. If you saturate the color by 10%, you get **D12368**, and if you desaturate by 10%, it is **D14D82**.

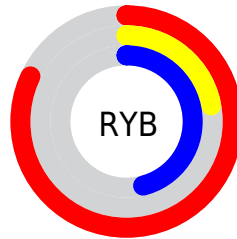
Distribution



Red (82%)

Green (22%)

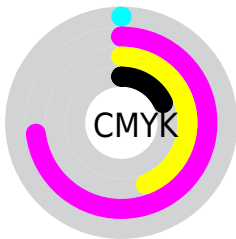
Blue (46%)



Red (82%)

Yellow (22%)

Blue (46%)

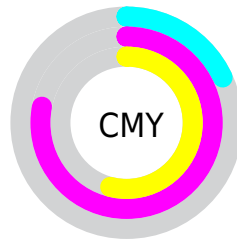


Cyan (0%)

Magenta (73%)

Yellow (44%)

Black (18%)



Cyan (18%)

Magenta (78%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color D13875 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 D13875 by changing the saturation by 10% instead.

 D13875

 D13875

FFFFFF

 B3105C

 FF73A9

 950045

 FF90C4

 78002F

 FFACE0

 5B001B

 FFC9FD

 410003

 FFE7FF

 1E0001

 000000

 D13875

 D13875

 D12368

 D14D82

 D10E5C

 D1628E

 D10053

 D1779B

 D18CA7

 D1A1B4

 D1B5C0

 D1CACD

 D1DFDA

 D1F4E6

Harmonies

Analogous

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



B64AA9



D13875



CE4441

Triad

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



D13875



558100



0087D3

Complementary

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



D13875



38D194

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.



008CAB



D13875



00893D

Square

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



D13875



8B7300



008C75



007BE1

Rectangle

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



D13875



BF551F



008C75



008AC8

Sweetspot

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



D13875



FFC7DD



9438D1



805E6C



000000



808080

Same Dimension

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



D13875



FF1F78



D14738



695E62



A80043



290010

Inverse Universe

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



D13875



FF1F78



38C2D1



695E62



A80043



290010

Previews

White Background



This preview shows how the Hex color D13875 looks on a white background.

Color Contrast Check

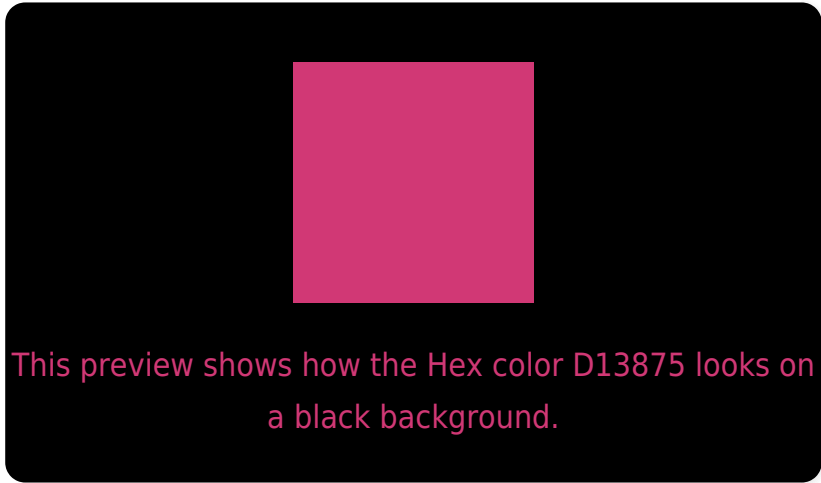
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 D13875 Background



This preview shows how black text looks on a background with the Hex color D13875.



This preview shows how white text looks on a background with the Hex color D13875.

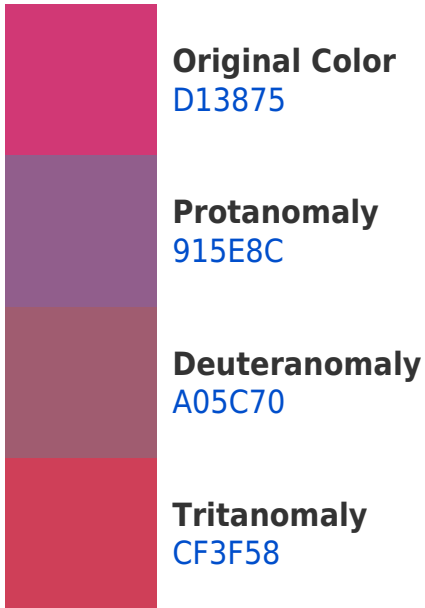
Color Blindness Simulation

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](#).

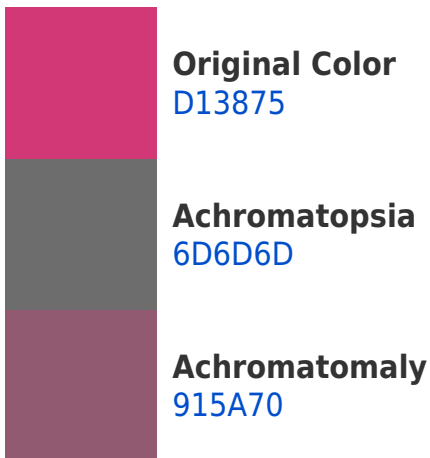
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D13875 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 #D13875 looks like.

```
.text, #text, p{  
    color:#D13875  
}
```

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 #D13875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13875
}
```

Border

The CSS property to change the border of an element to Hex D13875 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
#D13875 }
```

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

```
.border{ border-color:#D13875 }
```

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

Here you see how a box with a 4 pixel #D13875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13875; -webkit-box-shadow:4px 4px  
4px 4px #D13875; box-shadow:4px 4px 4px  
4px #D13875 }
```

Background

The CSS property to change the background color of an element to Hex D13875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13875 }
```

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

```
.background{ background-color:#D13875 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor