

# Converting Colors

Hex(D13168)

Have a look what the booklet for  
Hex(D13168) contains.

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# Color

**Hex(D13168)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D13168
RGB	209, 49, 104
RGB Percent	82%, 19%, 41%
CMY	0.1804, 0.8078, 0.5922
CMYK	0.00, 0.77, 0.50, 0.18
HSL	339°, 63%, 51%
HSV	339°, 77%, 82%
XYZ	29.8915, 16.7514, 14.7546
YIQ	103.1100, 77.7050, 51.0250

# Conversions

## Conversions Part 2

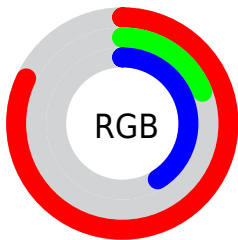
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	209, 49, 104
Decimal	13709672
CIELab	47.95, 64.40, 7.52
CIELCh	48, 64.833, 6.664
Yxy	16.7514, 0.4869, 0.2728
Android (android.graphics.Color)	4291899752 (0xFFD13168)
YUV	103.1100, 0.4388, 92.8655
Hunter-Lab	40.9285, 58.7399, 7.2761

# Details

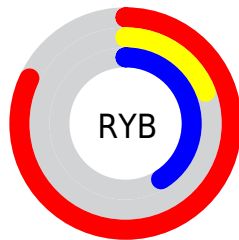
The Hex color **D13168** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **31D19A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6E9B**, and **940039** is the 20% darker color. If you saturate the color by 10%, you get **D11C5A**, and if you desaturate by 10%, it is **D14676**.

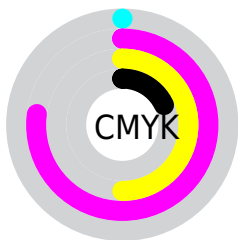
# Distribution



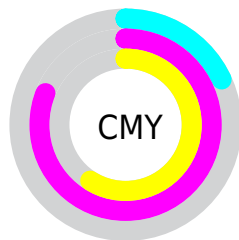
- Red (82%)
- Green (19%)
- Blue (41%)



- Red (82%)
- Yellow (19%)
- Blue (41%)



- Cyan (0%)
- Magenta (77%)
- Yellow (50%)
- Black (18%)



- Cyan (18%)
- Magenta (81%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D13168 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 D13168 by changing the saturation by 10% instead.



 D13168

 D13168

FFFFFF

 B30050

 FF6E9B

 940039

 FF8AB6

 770024

 FFA7D1

 59000F

 FFC4ED

 3E0003

 FFE2FF

 190001

 000000

 D13168

 D13168

 D11C5A

 D14676

 D1074D

 D15B83

 D10048

 D17091

 D1859F

 D19AAD

 D1AEBA

 D1C3C8

 D1D8D6

 D1EDE3

# Harmonies

## Analogous

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



BB409E



D13168



C94433

# Triad

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



D13168



438000



0083D7

# Complementary

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



D13168



31D19A

# 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.



0089B2



D13168



008744

# Square

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



D13168



7F7300



008A7D



0075E0

# Rectangle

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



D13168



B7560D



008A7D



0086CD



# Sweetspot

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



D13168



FFC4D9



9931D1



805C68



000000



808080



# Same Dimension

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



D13168



FF1465



D14931



695E62



A8003A



29000E



# Inverse Universe

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



D13168



FF1465



31B9D1



695E62



A8003A



29000E



# Previews

## White Background



This preview shows how the Hex color D13168 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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex D13168 Background



This preview shows how black text looks on a background with the Hex color D13168.

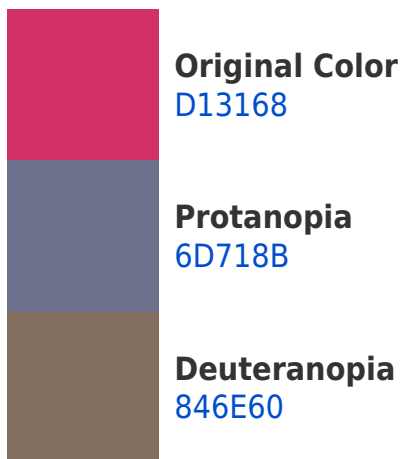


This preview shows how white text looks on a background with the Hex color D13168.

# Color Blindness Simulation

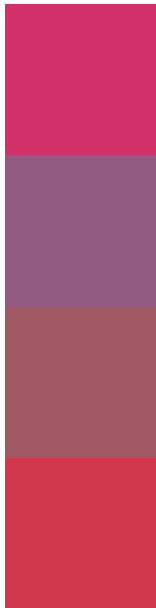
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



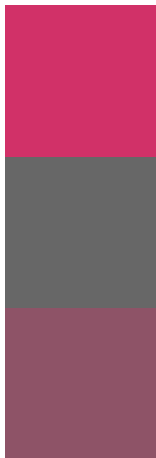
**Original Color**  
D13168

**Protanomaly**  
915A7E

**Deuteranomaly**  
A05863

**Tritanomaly**  
D0384D

# Monochromacy



**Original Color**  
D13168

**Achromatopsia**  
676767

**Achromatomaly**  
8E5367

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D13168 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 #D13168 looks like.

```
.text, #text, p{  
    color:#D13168  
}
```

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 #D13168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13168
}
```

## Border

The CSS property to change the border of an element to Hex D13168 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
#D13168 }
```

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

```
.border{ border-color:#D13168 }
```

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

Here you see how a box with a 4 pixel #D13168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13168; -webkit-box-shadow:4px 4px  
4px 4px #D13168; box-shadow:4px 4px 4px  
4px #D13168 }
```

# Background

The CSS property to change the background color of an element to Hex D13168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13168 }
```

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

```
.background{ background-color:#D13168 }
```

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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