

# Converting Colors

Hex(D15080)

Have a look what the booklet for  
Hex(D15080) contains.

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# Color

**Hex(D15080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D15080
RGB	209, 80, 128
RGB Percent	82%, 31%, 50%
CMY	0.1804, 0.6863, 0.4980
CMYK	0.00, 0.62, 0.39, 0.18
HSL	338°, 58%, 57%
HSV	338°, 62%, 82%
XYZ	33.0594, 20.8511, 22.7043
YIQ	124.0430, 61.4760, 42.2760

# Conversions

## Conversions Part 2

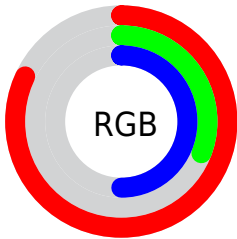
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 80, 128
Decimal	13717632
CIE Lab	52.79, 55.14, -0.00
CIE LCh	53, 55.140, 359.998
Yxy	20.8511, 0.4315, 0.2722
Android (android.graphics.Color)	4291907712 (0xFFD15080)
YUV	124.0430, 1.9508, 74.5073
Hunter-Lab	45.6631, 49.3213, 2.4843

# Details

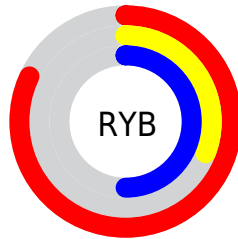
The Hex color **D15080** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **50D1A1**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF87B5**, and **96104F** is the 20% darker color. If you saturate the color by 10%, you get **D13B73**, and if you desaturate by 10%, it is **D1658D**.

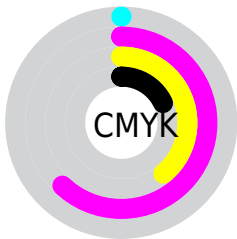
# Distribution



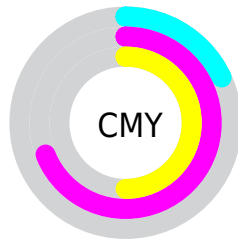
- Red (82%)
- Green (31%)
- Blue (50%)



- Red (82%)
- Yellow (31%)
- Blue (50%)



- Cyan (0%)
- Magenta (62%)
- Yellow (39%)
- Black (18%)



- Cyan (18%)
- Magenta (69%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D15080 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 D15080 by changing the saturation by 10% instead.



 D15080

 D15080

FFFFFF

 B33367

 FF87B5

 96104F

 FFA3D0

 7A0038

 FFC0EC

 5D0023

 FFDCFF

 43000D

 FFFAFF

 260001

 000000

 D15080

 D15080

 D13B73

 D1658D

 D12666

 D17A9A

 D11159

 D18FA7

 D1004E

 D1A4B4

 D1B9C2

 D1CDCF

 D1E2DC

 D1F7E9

 D1FFF6

# Harmonies

## Analogous

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



B75CAE



D15080



D05751

# Triad

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



D15080



678923



008FD0

# Complementary

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



D15080



50D1A1

# 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.



0094AC



D15080



15914C

# Square

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



D15080



967C10



00947D



0083DD

# Rectangle

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



D15080



C46336



00947D



0091C6



# Sweetspot

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



D15080



FFCFE1



A050D1



80626D



000000



808080



# Same Dimension

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



D15080



FF4289



D15F50



695E62



A8003F



29000F



# Inverse Universe

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



D15080



FF4289



50C2D1



695E62



A8003F



29000F



# Previews

## White Background



This preview shows how the Hex color D15080 looks on a white background.

## Color Contrast Check

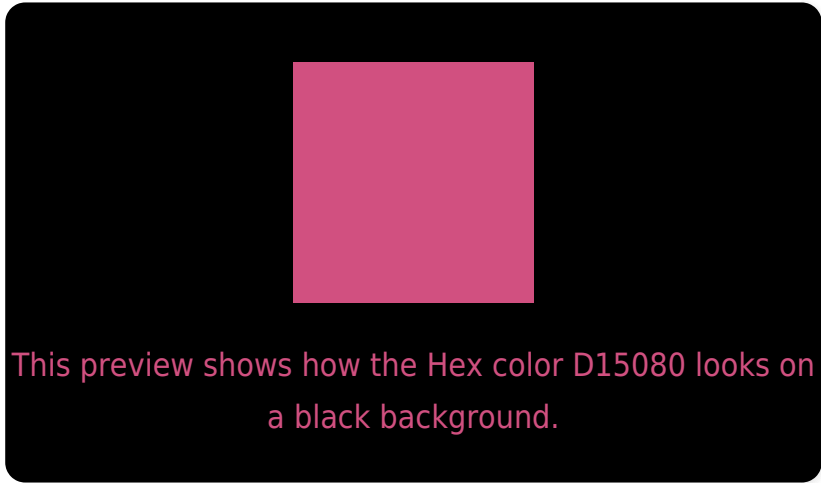
Large Text (above 18pt) WCAG AA ✓ Pass

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 D15080 Background



This preview shows how black text looks on a background with the Hex color D15080.

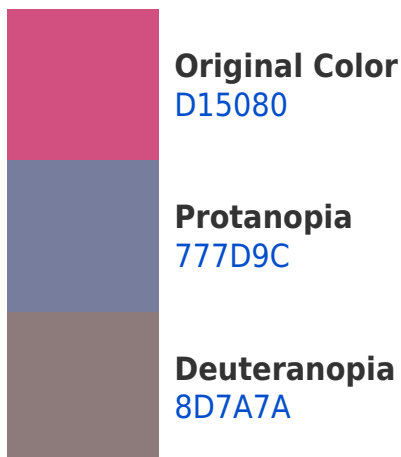


This preview shows how white text looks on a background with the Hex color D15080.

# 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



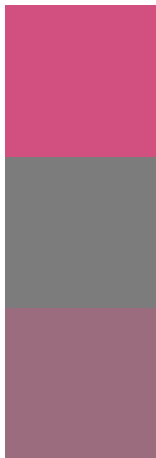
**Original Color**  
D15080

**Protanomaly**  
986D92

**Deuteranomaly**  
A66B7C

**Tritanomaly**  
CF546A

# Monochromacy



**Original Color**  
D15080

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
9B6C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D15080 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 #D15080 looks like.

```
.text, #text, p{  
    color:#D15080  
}
```

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 #D15080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D15080
}
```

## Border

The CSS property to change the border of an element to Hex D15080 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
#D15080 }
```

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

```
.border{ border-color:#D15080 }
```

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

Here you see how a box with a 4 pixel #D15080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D15080; -webkit-box-shadow:4px 4px  
4px 4px #D15080; box-shadow:4px 4px 4px  
4px #D15080 }
```

# Background

The CSS property to change the background color of an element to Hex D15080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D15080 }
```

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

```
.background{ background-color:#D15080 }
```

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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