

# Converting Colors

Hex(D162B8)

Have a look what the booklet for  
Hex(D162B8) contains.

|  |    |
|--|----|
| <b>Hex(D162B8)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(D162B8)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D162B8                     |
| RGB         | 209, 98, 184               |
| RGB Percent | 82%, 38%, 72%              |
| CMY         | 0.1804, 0.6157, 0.2784     |
| CMYK        | 0.00, 0.53, 0.12, 0.18     |
| HSL         | 314°, 55%, 60%             |
| HSV         | 314°, 53%, 82%             |
| XYZ         | 39.3139, 25.7514, 48.2458  |
| YIQ         | 140.9930, 38.5500, 50.2780 |

# Conversions

## Conversions Part 2

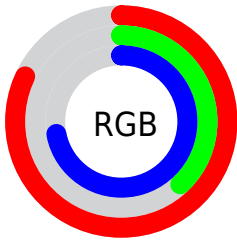
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">209, 98, 184</a>                   |
| Decimal                             | <a href="#">13722296</a>                       |
| CIELab                              | <a href="#">57.80, 54.44, -25.23</a>           |
| CIElCh                              | <a href="#">58, 59.999, 335.131</a>            |
| Yxy                                 | <a href="#">25.7514, 0.3470,<br/>0.2273</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4291912376<br/>(0xFFD162B8)</a>    |
| YUV                                 | <a href="#">140.9930, 21.2025,<br/>59.6421</a> |
| Hunter-Lab                          | <a href="#">50.7458, 49.4828,<br/>-20.8470</a> |

# Details

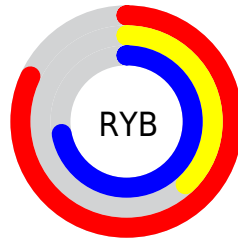
The Hex color **D162B8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **62D17B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF99F0**, and **982A83** is the 20% darker color. If you saturate the color by 10%, you get **D14DB3**, and if you desaturate by 10%, it is **D177BD**.

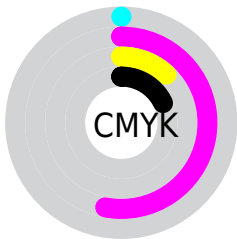
# Distribution



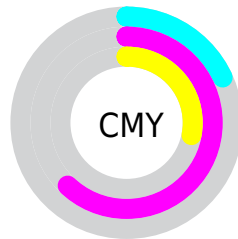
- Red (82%)
- Green (38%)
- Blue (72%)



- Red (82%)
- Yellow (38%)
- Blue (72%)



- Cyan (0%)
- Magenta (53%)
- Yellow (12%)
- Black (18%)



- Cyan (18%)
- Magenta (62%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D162B8 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 D162B8 by changing the saturation by 10% instead.



 D162B8

 D162B8

FFFFFF

 B4479D

 FF99F0

 982A83

 FFB5FF

 7C0269

 FFD1FF

 610051

 FFEEFF

 47003A

 2F0024

 00000A

 000000

 D162B8

 D162B8

 D14DB3

 D177BD

 D138AF

 D18CC1

 D123AA

 D1A1C6

 D10EA5

 D1B6CB

 D100A2

 D1CBD0

 D1DFD4

 D1F4D9

 D1FFDE

 D1FFE2

# Harmonies

## Analogous

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



9879E1



D162B8



E85784

# Triad

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



D162B8



9D8B0F



00A2C6

# Complementary

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



D162B8



62D17B

# 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.



00A493



D162B8



66992D

# Square

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



D162B8



C87827



00A15C



009CEA

# Rectangle

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



D162B8



E85D62



00A15C



00A3B6



# Sweetspot

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



D162B8



FFD6F6



7A62D1



80677A



000000



808080



# Same Dimension

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



D162B8



FF5CDA



D16281



695E66



A80082



290020



# Inverse Universe

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



D162B8



FF5CDA



62D1B2



695E66



A80082

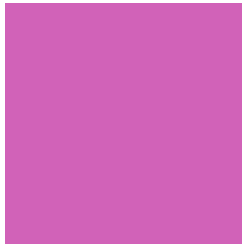


290020



# Previews

## White Background



This preview shows how the Hex color D162B8 looks on a white background.

## Color Contrast Check

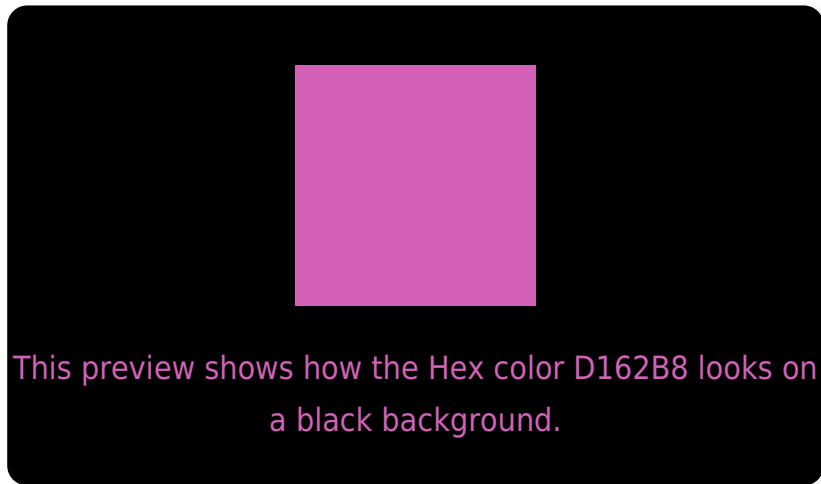
Large Text (above 18pt) WCAG AA ✓ Pass

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

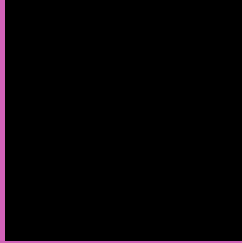
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D162B8 Background



This preview shows how black text looks on a background with the Hex color D162B8.




This preview shows how white text looks on a background with the Hex color D162B8.

# 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**  
CA7179

# Trichromacy



**Original Color**  
D162B8



**Protanomaly**  
937BCB



**Deuteranomaly**  
A17BB4

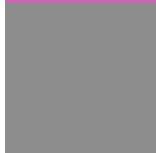


**Tritanomaly**  
CD6C90

# Monochromacy



**Original Color**  
D162B8



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
A67D9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D162B8 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 #D162B8 looks like.

```
.text, #text, p{  
    color:#D162B8  
}
```

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 #D162B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D162B8
}
```

## Border

The CSS property to change the border of an element to Hex D162B8 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
#D162B8 }
```

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

```
.border{ border-color:#D162B8 }
```

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

Here you see how a box with a 4 pixel #D162B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D162B8; -webkit-box-shadow:4px 4px  
4px 4px #D162B8; box-shadow:4px 4px 4px  
4px #D162B8 }
```

# Background

The CSS property to change the background color of an element to Hex D162B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D162B8 }
```

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

```
.background{ background-color:#D162B8 }
```

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