

# Converting Colors

Hex(D262B6)

Have a look what the booklet for  
Hex(D262B6) contains.

<b>Hex(D262B6)</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(D262B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D262B6
RGB	210, 98, 182
RGB Percent	82%, 38%, 71%
CMY	0.1765, 0.6157, 0.2863
CMYK	0.00, 0.53, 0.13, 0.18
HSL	315°, 55%, 60%
HSV	315°, 53%, 82%
XYZ	39.3895, 25.8144, 47.1626
YIQ	141.0640, 39.7880, 49.8680

# Conversions

## Conversions Part 2

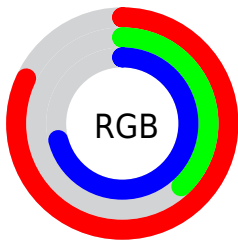
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">210, 98, 182</a>
Decimal	<a href="#">13787830</a>
CIELab	<a href="#">57.86, 54.41, -23.98</a>
CIElCh	<a href="#">58, 59.464, 336.218</a>
Yxy	<a href="#">25.8144, 0.3505, 0.2297</a>
Android (android.graphics.Color)	<a href="#">4291977910 (0xFFD262B6)</a>
YUV	<a href="#">141.0640, 20.1814, 60.4569</a>
Hunter-Lab	<a href="#">50.8079, 49.4709, -19.4706</a>

# Details

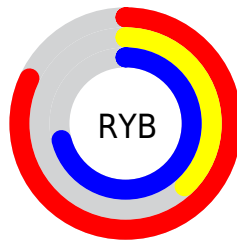
The Hex color **D262B6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **62D27E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF99EE**, and **992A81** is the 20% darker color. If you saturate the color by 10%, you get **D24DB1**, and if you desaturate by 10%, it is **D277BB**.

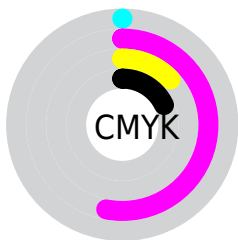
# Distribution



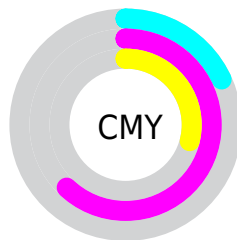
- Red (82%)
- Green (38%)
- Blue (71%)



- Red (82%)
- Yellow (38%)
- Blue (71%)



- Cyan (0%)
- Magenta (53%)
- Yellow (13%)
- Black (18%)



- Cyan (18%)
- Magenta (62%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D262B6 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 D262B6 by changing the saturation by 10% instead.



 D262B6

 D262B6

FFFFFF

 B5479B

 FF99EE

 992A81

 FFB5FF

 7D0268

 FFD1FF

 62004F

 FFEFFF

 470038

 300023

 020008

 000000

 D262B6

 D262B6

 D24DB1

 D277BB

 D238AB

 D28CC1

 D223A6

 D2A1C6

 D20EA1

 D2B6CB

 D2009E

 D2CBD0

 D2E0D5

 D2F5DB

 D2FFE0

 D2FFE5

# Harmonies

## Analogous

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



9B78DF



D262B6



E85882

# Triad

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



D262B6



9B8C12



00A2C7

# Complementary

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



D262B6



62D27E

# 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.



00A495



D262B6



65992F

# Square

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



D262B6



C67927



00A15F



009CEA

# Rectangle

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



D262B6



E75E60



00A15F



00A3B8



# Sweetspot

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



D262B6



FFD6F5



7E62D2



806779



000000



808080



# Same Dimension

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



D262B6



FF5CD6



D2627E



695E66



A8007E



29001F



# Inverse Universe

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



D262B6



FF5CD6



62D2B6



695E66



A8007E



29001F



# Previews

## White Background



This preview shows how the Hex color D262B6 looks on a white background.

## Color Contrast Check

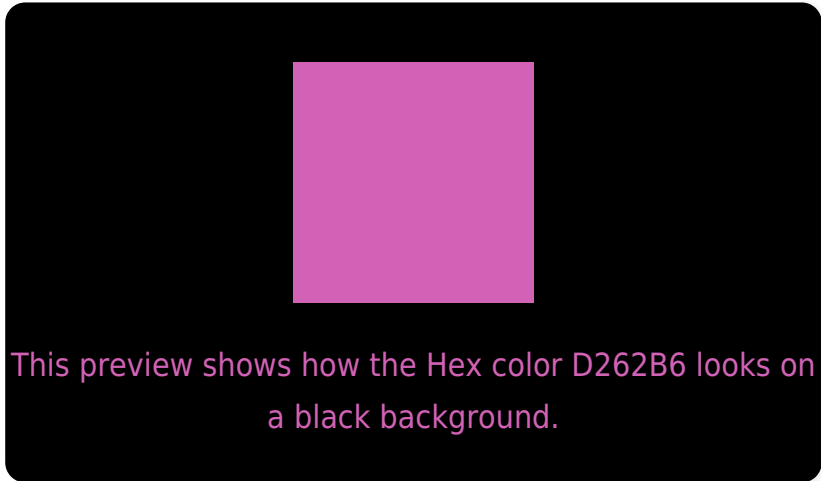
Large Text (above 18pt) WCAG AA ✓ Pass

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 D262B6 Background



This preview shows how black text looks on a background with the Hex color D262B6.



This preview shows how white text looks on a background with the Hex color D262B6.

# 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**  
CB7078

# Trichromacy



**Original Color**  
D262B6



**Protanomaly**  
947BC9



**Deuteranomaly**  
A27BB2



**Tritanomaly**  
CE6B8F

# Monochromacy



**Original Color**  
D262B6



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
A67D9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D262B6 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 #D262B6 looks like.

```
.text, #text, p{  
    color:#D262B6  
}
```

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 #D262B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D262B6
}
```

## Border

The CSS property to change the border of an element to Hex D262B6 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
#D262B6 }
```

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

```
.border{ border-color:#D262B6 }
```

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

Here you see how a box with a 4 pixel #D262B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D262B6; -webkit-box-shadow:4px 4px  
4px 4px #D262B6; box-shadow:4px 4px 4px  
4px #D262B6 }
```

# Background

The CSS property to change the background color of an element to Hex D262B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D262B6 }
```

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

```
.background{ background-color:#D262B6 }
```

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