

# Converting Colors

Hex(7D38BB)

Have a look what the booklet for  
Hex(7D38BB) contains.

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# Color

**Hex(7D38BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D38BB
RGB	125, 56, 187
RGB Percent	49%, 22%, 73%
CMY	0.5098, 0.7804, 0.2667
CMYK	0.33, 0.70, 0.00, 0.27
HSL	272°, 54%, 48%
HSV	272°, 70%, 73%
XYZ	18.8413, 10.7762, 48.1007
YIQ	91.5650, -0.9270, 55.3690

# Conversions

## Conversions Part 2

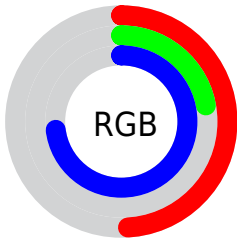
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 56, 187
Decimal	8206523
CIE <sub>Lab</sub>	39.20, 53.60, -57.15
CIE <sub>LCh</sub>	39, 78.352, 313.167
Yxy	10.7762, 0.2424, 0.1387
Android (android.graphics.Color)	4286396603 (0xFF7D38BB)
YUV	91.5650, 47.0495, 29.3225
Hunter-Lab	32.8271, 45.0035, -63.8971

# Details

The Hex color **7D38BB** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **76BB38**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B66CF4**, and **450085** is the 20% darker color. If you saturate the color by 10%, you get **7425BB**, and if you desaturate by 10%, it is **864BBB**.

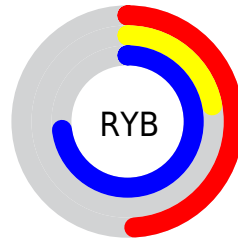
# Distribution



Red (49%)

Green (22%)

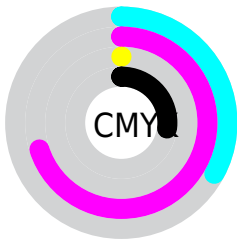
Blue (73%)



Red (49%)

Yellow (22%)

Blue (73%)

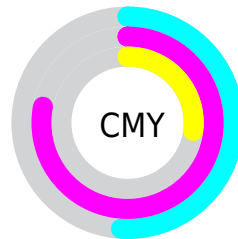


Cyan (33%)

Magenta (70%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (78%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D38BB 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 7D38BB by changing the saturation by 10% instead.



 7D38BB

 7D38BB

FFFFFF

 611C9F

 B66CF4

 450085

 D387FF

 27006B

 F1A2FF

 080052

 FFBEFF

 00003A

 FFDBFF

 000223

 FFF8FF

 00000A

 000000

 7D38BB

 7D38BB

 7425BB

 864BBB

 6B13BB

 8F5DBB

 6200BB

 9870BB

 A083BB

 A995BB

 B2A8BB

 BBBBBB

 C4CEBB

 CDE0BB

# Harmonies

## Analogous

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



005CDB



7D38BB



B80083

# Triad

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



7D38BB



8E4C00



007578

# Complementary

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



7D38BB



76BB38

# 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.



007334



7D38BB



586300

# Square

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



7D38BB



B51E00



006E00



0075B4

# Rectangle

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



7D38BB



C60059



006E00



007562



# Sweetspot

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



7D38BB



DABFF2



3877BB



6C5C7A



FAFAFA



7A7A7A



# Same Dimension

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



7D38BB



9227F2



BB38B9



5A555E



53009E



10001F



# Inverse Universe

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



BB3876



F22787



38BB3A



5E5559



9E004B

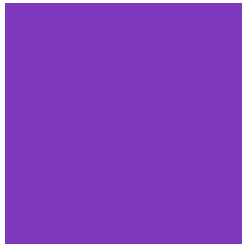


1F000E



# Previews

## White Background



This preview shows how the Hex color 7D38BB looks on a white background.

## Color Contrast Check

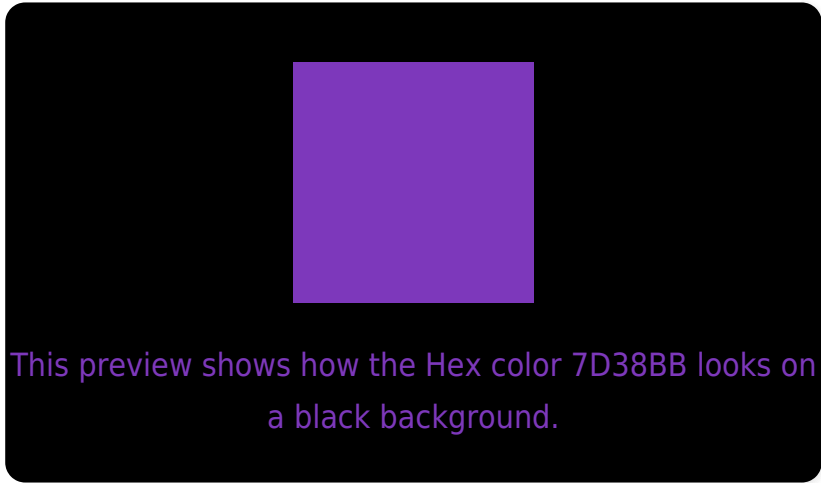
Large Text (above 18pt) WCAG AA ✓ Pass

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

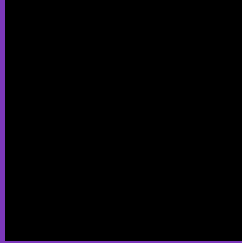
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D38BB Background



This preview shows how black text looks on a background with the Hex color 7D38BB.

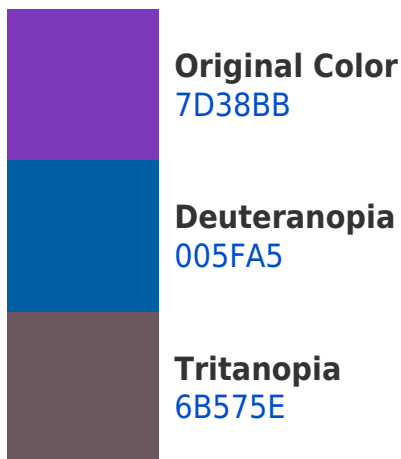


This preview shows how white text looks on a background with the Hex color 7D38BB.

# 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**  
7D38BB

**Deuteranomaly**  
2D51AD

**Tritanomaly**  
724C80

# Monochromacy



**Original Color**  
7D38BB

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
684F7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D38BB 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 #7D38BB looks like.

```
.text, #text, p{  
    color:#7D38BB  
}
```

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 #7D38BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D38BB
}
```

## Border

The CSS property to change the border of an element to Hex 7D38BB 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
#7D38BB }
```

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

```
.border{ border-color:#7D38BB }
```

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

Here you see how a box with a 4 pixel #7D38BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D38BB; -webkit-box-shadow:4px 4px  
4px 4px #7D38BB; box-shadow:4px 4px 4px  
4px #7D38BB }
```

# Background

The CSS property to change the background color of an element to Hex 7D38BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D38BB }
```

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

```
.background{ background-color:#7D38BB }
```

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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