

Converting Colors

Hex(9237DB)

Have a look what the booklet for
Hex(9237DB) contains.

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Color

Hex(9237DB)

Conversions

Conversions Part 1

Format	Color
Hex	9237DB
RGB	146, 55, 219
RGB Percent	57%, 22%, 86%
CMY	0.4275, 0.7843, 0.1412
CMYK	0.33, 0.75, 0.00, 0.14
HSL	273°, 69%, 54%
HSV	273°, 75%, 86%
XYZ	26.0064, 13.9578, 68.3413
YIQ	100.9050, 1.5920, 70.2960

Conversions

Conversions Part 2

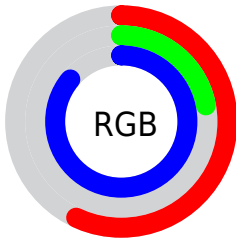
Format	Color
R_{YB}	146, 55, 219
Decimal	9582555
CIE _{Lab}	44.17, 65.24, -67.49
CIE _{LCh}	44, 93.869, 314.026
Yxy	13.9578, 0.2401, 0.1289
Android (android.graphics.Color)	4287772635 (0xFF9237DB)
YUV	100.9050, 58.2208, 39.5483
Hunter-Lab	37.3602, 58.8735, -82.3043

Details

The Hex color **9237DB** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **80DB37**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **CD6FFF**, and **5700A3** is the 20% darker color. If you saturate the color by 10%, you get **8821DB**, and if you desaturate by 10%, it is **9C4DDB**.

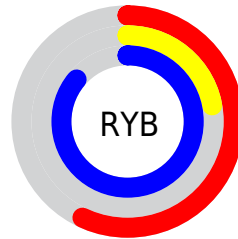
Distribution



Red (57%)

Green (22%)

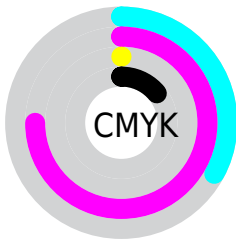
Blue (86%)



Red (57%)

Yellow (22%)

Blue (86%)

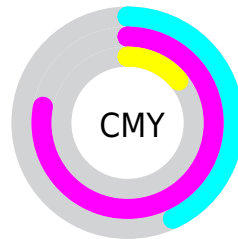


Cyan (33%)

Magenta (75%)

Yellow (0%)

Black (14%)



Cyan (43%)

Magenta (78%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9237DB 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 9237DB by changing the saturation by 10% instead.

 9237DB

 9237DB

FFFFFF

 7516BF

 CD6FFF

 5700A3

 EB8AFF

 390088

 FFA6FF

 14006E

 FFC2FF

 000054

 FFDFFF

 00063C

 FFFDFF

 000225

 00010E

 000000

■ 9237DB

■ 9237DB

■ 8821DB

■ 9C4DDB

■ 7F0BDB

■ A563DB

■ 7A00DB

■ AF79DB

■ B98FDB

■ C3A5DB

■ CCBADB

■ D6D0DB

■ E0E6DB

■ EAFCDDB

Harmonies

Analogous

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



0068FF



9237DB



D90095

Triad

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



9237DB



A15500



00868D

Complementary

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



9237DB



80DB37

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.



00843A



9237DB



5E7100

Square

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



9237DB



D20F00



007E00



0086D5

Rectangle

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



9237DB



E80062



007E00



008571

Sweetspot

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



9237DB



E6C7FF



3781DB



715E80



000000



808080

Same Dimension

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



9237DB



9919FF



DB37D3



69636E



6000AD



19002E

Inverse Universe

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



DB3780



FF1980



37DB3F



6E6368



AD004D



2E0014

Previews

White Background



This preview shows how the Hex color 9237DB looks on a white background.

Color Contrast Check

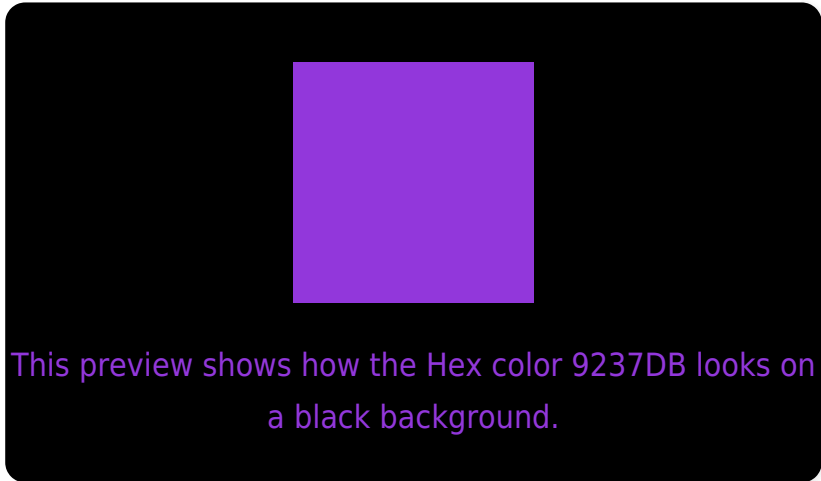
Large Text (above 18pt) WCAG AA ✓ Pass

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

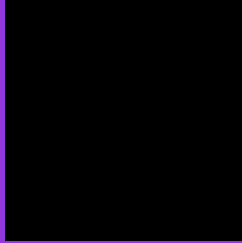
Any Text WCAG AA × Fail

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 9237DB Background



This preview shows how black text looks on a background with the Hex color 9237DB.

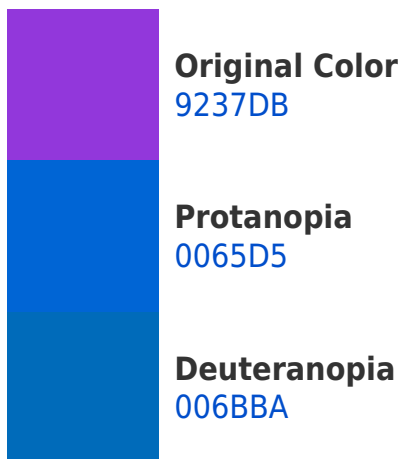


This preview shows how white text looks on a background with the Hex color 9237DB.

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](#).

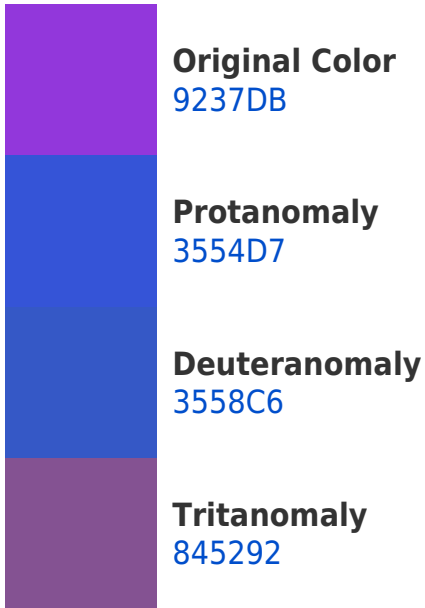
Dichromacy



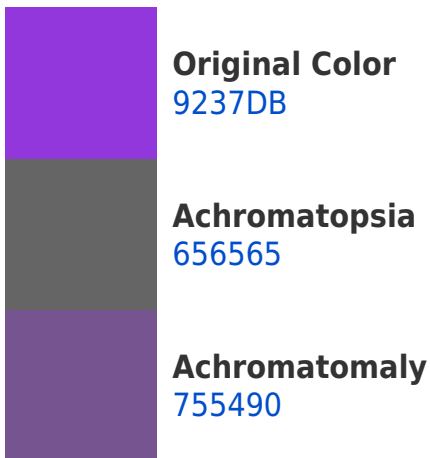


Tritanopia
7C6169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9237DB 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 #9237DB looks like.

```
.text, #text, p{  
    color:#9237DB  
}
```

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 #9237DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9237DB
}
```

Border

The CSS property to change the border of an element to Hex 9237DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

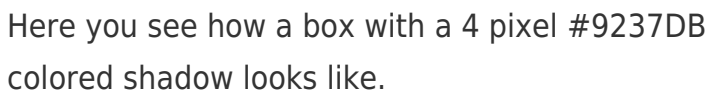
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9237DB }
```

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

```
.border{ border-color:#9237DB }
```

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



Here you see how a box with a 4 pixel #9237DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9237DB; -webkit-box-shadow:4px 4px  
4px 4px #9237DB; box-shadow:4px 4px 4px  
4px #9237DB }
```

Background

The CSS property to change the background color of an element to Hex 9237DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9237DB }
```

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

```
.background{ background-color:#9237DB }
```

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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