

Converting Colors

Hex(0949DB)

Have a look what the booklet for
Hex(0949DB) contains.

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Color

Hex(0949DB)

Conversions

Conversions Part 1

Format	Color
Hex	0949DB
RGB	9, 73, 219
RGB Percent	4%, 29%, 86%
CMY	0.9647, 0.7137, 0.1412
CMYK	0.96, 0.67, 0.00, 0.14
HSL	222°, 92%, 45%
HSV	222°, 96%, 86%
XYZ	15.2814, 9.9376, 68.1306
YIQ	70.5080, -85.0100, 31.8380

Conversions

Conversions Part 2

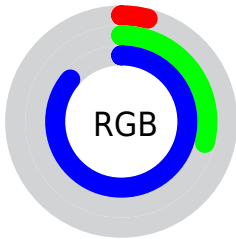
Format	Color
R_{YB}	9, 58, 219
Decimal	608731
CIE _{Lab}	37.73, 40.28, -78.43
CIE _{LCh}	38, 88.167, 297.188
Yxy	9.9376, 0.1637, 0.1065
Android (android.graphics.Color)	4278798811 (0xFF0949DB)
YUV	70.5080, 73.2066, -53.9425
Hunter-Lab	31.5240, 31.3615, -106.0724

Details

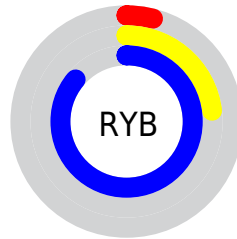
The Hex color **0949DB** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DB9B09**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6B79FF**, and **001FA3** is the 20% darker color. If you saturate the color by 10%, you get **0043DB**, and if you desaturate by 10%, it is **1F58DB**.

Distribution



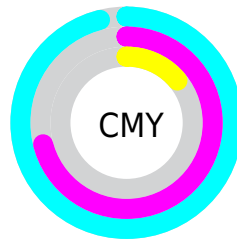
- Red (4%)
- Green (29%)
- Blue (86%)



- Red (4%)
- Yellow (23%)
- Blue (86%)



- Cyan (96%)
- Magenta (67%)
- Yellow (0%)
- Black (14%)



- Cyan (96%)
- Magenta (71%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0949DB 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 0949DB by changing the saturation by 10% instead.

 0949DB

 0949DB

FFFFFF

 0033BE

 6B79FF

 001FA3

 8C93FF

 000E87

 ACAEFF


 00006D

 CBC9FF

 000B54

 EAE5FF

 00063C

 000225

 00010D

 000000

■ 0949DB

■ 0949DB

■ 0043DB

■ 1F58DB

■ 3567DB

■ 4B77DB

■ 6186DB

■ 7695DB

■ 8CA4DB

■ A2B4DB

■ B8C3DB

■ CED2DB

Harmonies

Analogous

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



0066EB



0949DB



A200A8

Triad

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



0949DB



A72D00



007250

Complementary

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



0949DB



DB9B09

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.



006F00



0949DB



735400

Square

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



0949DB



C7001E



266700



007499

Rectangle

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



0949DB



C2007B



266700



007136

Sweetspot

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



0949DB



B5CCFF



09DB99



536080



000000



808080

Same Dimension

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



0949DB



004EFF



3009DB



63666E



0035AD



000E2E

Inverse Universe

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



DB0949



FF004E



B5DB09



6E6366



AD0035



2E000E

Previews

White Background



This preview shows how the Hex color 0949DB looks on a white background.

Color Contrast Check

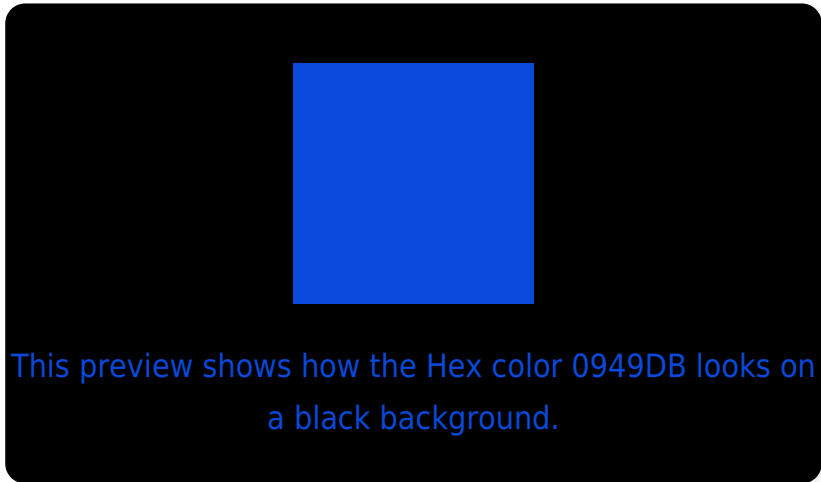
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

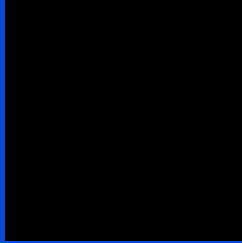
Any Text WCAG AA × Fail

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 0949DB Background



This preview shows how black text looks on a background with the Hex color 0949DB.



This preview shows how white text looks on a background with the Hex color 0949DB.

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



Original Color
0949DB

Protanopia
0055B4

Deuteranopia
005B99

Trichromacy



Original Color
0949DB

Protanomaly
0351C2

Deuteranomaly
0354B1

Tritanomaly
035991

Monochromacy



Original Color
0949DB

Achromatopsia
474747

Achromatomaly
30487D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0949DB 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 #0949DB looks like.

```
.text, #text, p{  
    color:#0949DB  
}
```

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 #0949DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0949DB
}
```

Border

The CSS property to change the border of an element to Hex 0949DB 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
#0949DB }
```

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

```
.border{ border-color:#0949DB }
```

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

Here you see how a box with a 4 pixel #0949DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0949DB; -webkit-box-shadow:4px 4px  
4px 4px #0949DB; box-shadow:4px 4px 4px  
4px #0949DB }
```

Background

The CSS property to change the background color of an element to Hex 0949DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0949DB }
```

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

```
.background{ background-color:#0949DB }
```

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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