

Converting Colors

Hex(0A49D9)

Have a look what the booklet for
Hex(0A49D9) contains.

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Color

Hex(0A49D9)

Conversions

Conversions Part 1

Format	Color
Hex	0A49D9
RGB	10, 73, 217
RGB Percent	4%, 29%, 85%
CMY	0.9608, 0.7137, 0.1490
CMYK	0.95, 0.66, 0.00, 0.15
HSL	222°, 91%, 45%
HSV	222°, 95%, 85%
XYZ	15.0321, 9.8394, 66.7526
YIQ	70.5790, -83.7720, 31.4280

Conversions

Conversions Part 2

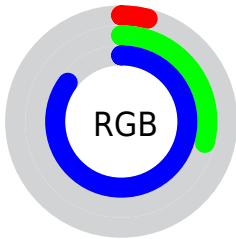
Format	Color
RYB	10, 58, 217
Decimal	674265
CIELab	37.55, 39.56, -77.57
CIELCh	38, 87.077, 297.023
Yxy	9.8394, 0.1641, 0.1074
Android (android.graphics.Color)	4278864345 (0xFF0A49D9)
YUV	70.5790, 72.1856, -53.1278
Hunter-Lab	31.3678, 30.6474, -104.2153

Details

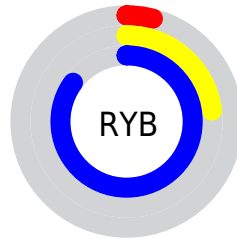
The Hex color **0A49D9** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D99A0A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6B79FF**, and **001FA1** is the 20% darker color. If you saturate the color by 10%, you get **0042D9**, and if you desaturate by 10%, it is **2058D9**.

Distribution



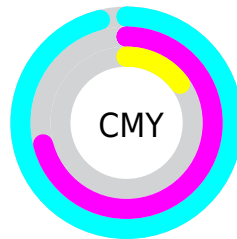
- Red (4%)
- Green (29%)
- Blue (85%)



- Red (4%)
- Yellow (23%)
- Blue (85%)



- Cyan (95%)
- Magenta (66%)
- Yellow (0%)
- Black (15%)



- Cyan (96%)
- Magenta (71%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A49D9 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 0A49D9 by changing the saturation by 10% instead.

■ 0A49D9

■ 0A49D9

FFFFFF

■ 0033BD

■ 6B79FF

■ 001FA1

■ 8C93FF

■ 000E86

■ ABAEFF

■ 00006B

■ CAC9FF

■ 000B52

■ EAE5FF

■ 00053A

■ 000223

■ 00000B

■ 000000

■ 0A49D9

■ 0A49D9

■ 0042D9

■ 2058D9

■ 3567D9

■ 4B76D9

■ 6185D9

■ 7794D9

■ 8CA4D9

■ A2B3D9

■ B8C2D9

■ CDD1D9

Harmonies

Analogous

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



0066E9



0A49D9



A100A7

Triad

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



0A49D9



A62D00



00714F

Complementary

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



0A49D9



D99A0A

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.



006E00



0A49D9



735400

Square

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



0A49D9



C6001F



286600



007397

Rectangle

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



0A49D9



C0007A



286600



007136

Sweetspot

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



0A49D9



B5CCFF



0AD997



536080



000000



808080

Same Dimension

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



0A49D9



004EFF



300AD9



63666E



0035AD



000E2E

Inverse Universe

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



D90A49



FF004E



B3D90A



6E6366



AD0035



2E000E

Previews

White Background



This preview shows how the Hex color 0A49D9 looks on a white background.

Color Contrast Check

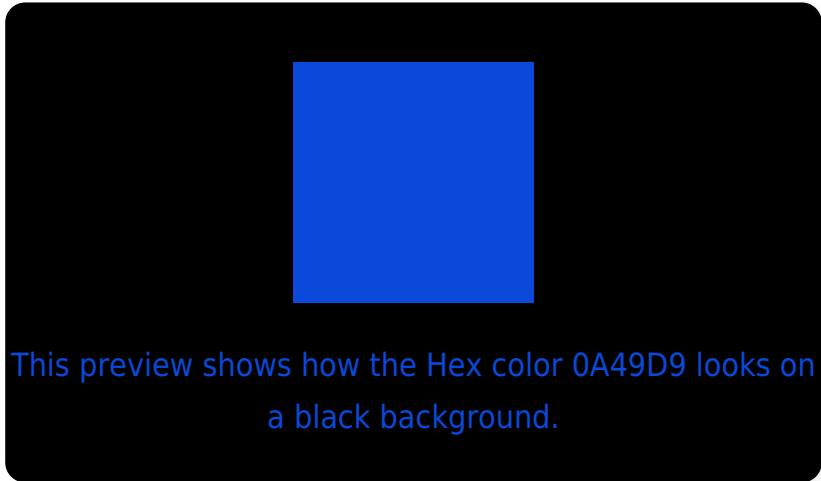
Large Text (above 18pt) WCAG AA ✓ Pass

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

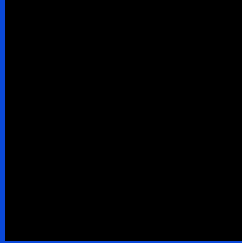
Any Text WCAG AA × Fail

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 0A49D9 Background



This preview shows how black text looks on a background with the Hex color 0A49D9.



This preview shows how white text looks on a background with the Hex color 0A49D9.

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
0A49D9

Protanopia
0055B3

Deuteranopia
005A99

Trichromacy



Original Color
0A49D9

Protanomaly
0451C1

Deuteranomaly
0454B0

Tritanomaly
045990

Monochromacy



Original Color
0A49D9

Achromatopsia
474747

Achromatomaly
31487C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A49D9 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 #0A49D9 looks like.

```
.text, #text, p{  
    color:#0A49D9  
}
```

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 #0A49D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A49D9
}
```

Border

The CSS property to change the border of an element to Hex 0A49D9 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
#0A49D9 }
```

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

```
.border{ border-color:#0A49D9 }
```

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

Here you see how a box with a 4 pixel #0A49D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A49D9; -webkit-box-shadow:4px 4px  
4px 4px #0A49D9; box-shadow:4px 4px 4px  
4px #0A49D9 }
```

Background

The CSS property to change the background color of an element to Hex 0A49D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A49D9 }
```

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

```
.background{ background-color:#0A49D9 }
```

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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