

Converting Colors

Hex(0A1DC2)

Have a look what the booklet for
Hex(0A1DC2) contains.

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Color

Hex(0A1DC2)

Conversions

Conversions Part 1

Format	Color
Hex	0A1DC2
RGB	10, 29, 194
RGB Percent	4%, 11%, 76%
CMY	0.9608, 0.8863, 0.2392
CMYK	0.95, 0.85, 0.00, 0.24
HSL	234°, 90%, 40%
HSV	234°, 95%, 76%
XYZ	10.3021, 4.8383, 51.4298
YIQ	42.1290, -64.2890, 47.2870

Conversions

Conversions Part 2

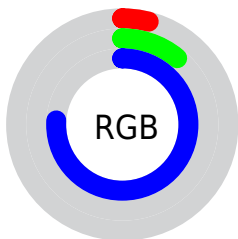
Format	Color
RYB	10, 27, 194
Decimal	662978
CIELab	26.27, 56.20, -82.88
CIELCh	26, 100.139, 304.142
Yxy	4.8383, 0.1548, 0.0727
Android (android.graphics.Color)	4278853058 (0xFF0A1DC2)
YUV	42.1290, 74.8724, -28.1771
Hunter-Lab	21.9961, 45.1093, -123.2304

Details

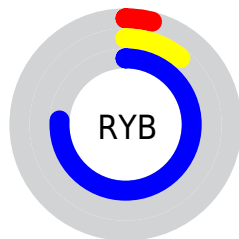
The Hex color **0A1DC2** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C2AF0A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **684EFC**, and **00008B** is the 20% darker color. If you saturate the color by 10%, you get **0014C2**, and if you desaturate by 10%, it is **1D2EC2**.

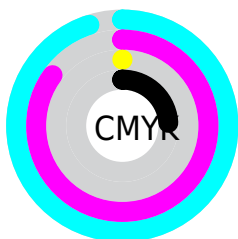
Distribution



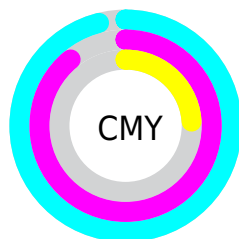
- Red (4%)
- Green (11%)
- Blue (76%)



- Red (4%)
- Yellow (11%)
- Blue (76%)



- Cyan (95%)
- Magenta (85%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (89%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A1DC2 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 0A1DC2 by changing the saturation by 10% instead.

■ 0A1DC2

■ 0A1DC2

FFFFFF

■ 0002A6

■ 684EFC

■ 00008B

■ 8868FF

■ 000070

■ A882FF

■ 000C56

■ C79DFF

■ 00063E

■ E6B8FF

■ 000327

■ FFD4FF

■ 000111

■ FFF1FF

■ 000000

■ 0A1DC2

■ 0A1DC2

■ 0014C2

■ 1D2EC2

■ 3140C2

■ 4451C2

■ 5863C2

■ 6B74C2

■ 7E85C2

■ 9297C2

■ A5A8C2

■ B9BAC2

Harmonies

Analogous

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



004BDF



0A1DC2



980083

Triad

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



0A1DC2



7E1200



005548

Complementary

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



0A1DC2



C2AF0A

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.



005200



0A1DC2



444000

Square

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



0A1DC2



A70000



004E00



005795

Rectangle

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



0A1DC2



B10051



004E00



00542C

Sweetspot

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



0A1DC2



B6BDFC



0AC2AD



545980



000000



808080

Same Dimension

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



0A1DC2



001AFC



510AC2



575861



0011A1



000321

Inverse Universe

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



C20A1D



FC001A



7BC20A



615758



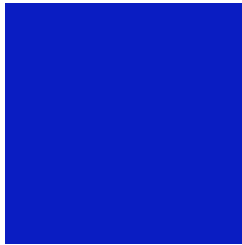
A10011



210003

Previews

White Background



This preview shows how the Hex color 0A1DC2 looks on a white background.

Color Contrast Check

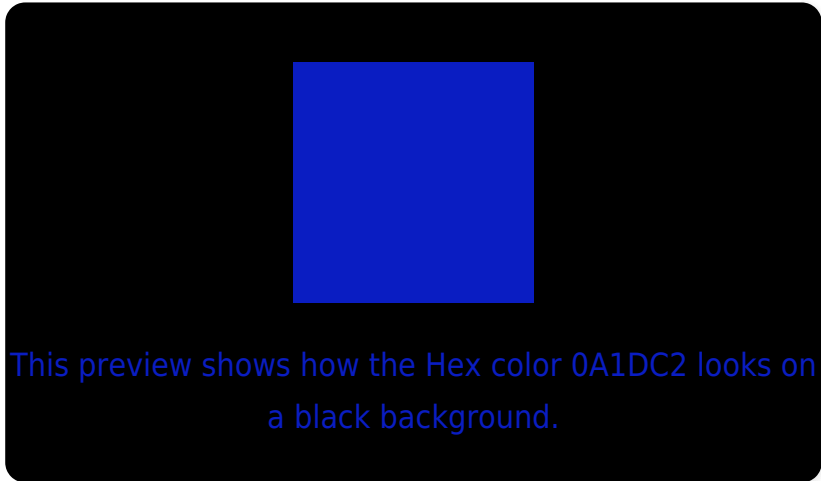
Large Text (above 18pt) WCAG AA ✓ Pass

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

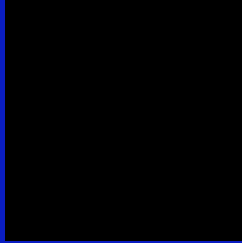
Any Text WCAG AA × Fail

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 0A1DC2 Background



This preview shows how black text looks on a background with the Hex color 0A1DC2.



This preview shows how white text looks on a background with the Hex color 0A1DC2.

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
0A1DC2

Protanopia
003C7F

Deuteranopia
00416C

Trichromacy



Original Color
0A1DC2

Protanomaly
043197

Deuteranomaly
04348B

Tritanomaly
043775

Monochromacy



Original Color
0A1DC2

Achromatopsia
2A2A2A

Achromatomaly
1E2561

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A1DC2 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 #0A1DC2 looks like.

```
.text, #text, p{  
    color:#0A1DC2  
}
```

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 #0A1DC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A1DC2
}
```

Border

The CSS property to change the border of an element to Hex 0A1DC2 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
#0A1DC2 }
```

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

```
.border{ border-color:#0A1DC2 }
```

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

Here you see how a box with a 4 pixel #0A1DC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A1DC2; -webkit-box-shadow:4px 4px  
4px 4px #0A1DC2; box-shadow:4px 4px 4px  
4px #0A1DC2 }
```

Background

The CSS property to change the background color of an element to Hex 0A1DC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A1DC2 }
```

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

```
.background{ background-color:#0A1DC2 }
```

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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