

Converting Colors

Hex(0D8DDA)

Have a look what the booklet for
Hex(0D8DDA) contains.

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Color

Hex(0D8DDA)

Conversions

Conversions Part 1

Format	Color
Hex	0D8DDA
RGB	13, 141, 218
RGB Percent	5%, 55%, 85%
CMY	0.9490, 0.4471, 0.1451
CMYK	0.94, 0.35, 0.00, 0.15
HSL	203°, 89%, 45%
HSV	203°, 94%, 85%
XYZ	22.3457, 24.1973, 69.8225
YIQ	111.5060, -101.0050, -3.1890

Conversions

Conversions Part 2

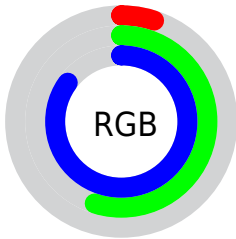
Format	Color
R _{YB}	13, 92, 218
Decimal	888282
CIE _{Lab}	56.28, -2.98, -47.84
CIE _{LCh}	56, 47.932, 266.439
Y _{xy}	24.1973, 0.1920, 0.2079
Android (android.graphics.Color)	4279078362 (0xFF0D8DDA)
Y _{UV}	111.5060, 52.5015, -86.3898
Hunter-Lab	49.1907, -4.9970, -49.7241

Details

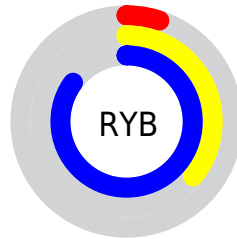
The Hex color **0D8DDA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DA5A0D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **69C2FF**, and **005BA3** is the 20% darker color. If you saturate the color by 10%, you get **0088DA**, and if you desaturate by 10%, it is **2395DA**.

Distribution



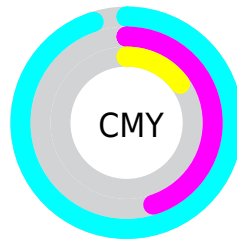
- Red (5%)
- Green (55%)
- Blue (85%)



- Red (5%)
- Yellow (36%)
- Blue (85%)



- Cyan (94%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (95%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D8DDA 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 0D8DDA by changing the saturation by 10% instead.

0D8DDA

0D8DDA

FFFFFF

0074BE

69C2FF

005BA3

89DEFF

004488

A8FBFF

002F6E

C7FFFF

001B55

E6FFFF

00063D

000327

000110

000000

■ 0D8DDA

■ 0D8DDA

■ 0088DA

■ 2395DA

■ 399DDA

■ 4EA6DA

■ 64AEDA

■ 7AB6DA

■ 90BEDA

■ A6C6DA

■ BBCFDA

■ D1D7DA

Harmonies

Analogous

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



0097CC



0D8DDA



817ED2

Triad

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



0D8DDA



D36664



449757

Complementary

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



0D8DDA



DA5A0D

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.



7A9038



0D8DDA



C27342

Square

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



0D8DDA



D0638E



A3832F



009B80

Rectangle

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



0D8DDA



A773C1



A3832F



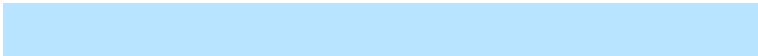
58954B

Sweetspot

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



0D8DDA



B8E4FF



0DDA58



546F80



000000



808080

Same Dimension

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



0D8DDA



009FFF



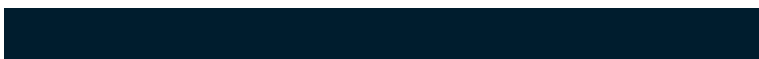
0D28DA



636A6E



006CAD



001D2E

Inverse Universe

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



DA0D8D



FF009F



DABF0D



6E636A



AD006C



2E001D

Previews

White Background



This preview shows how the Hex color 0D8DDA looks on a white background.

Color Contrast Check

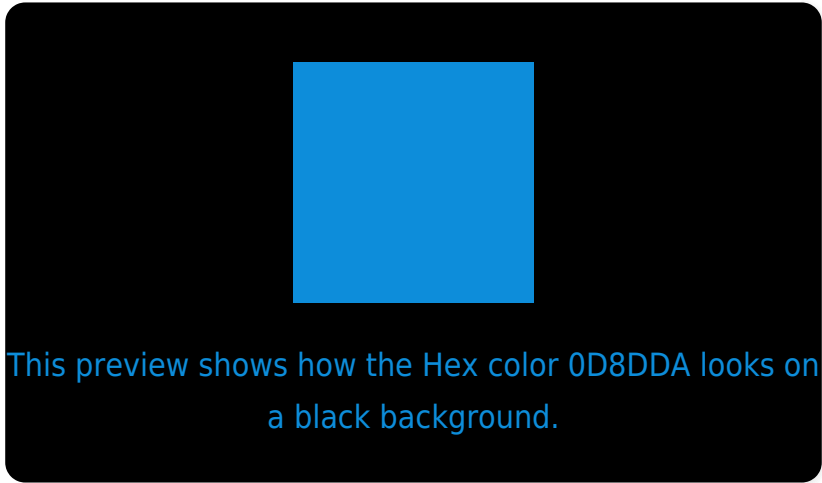
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

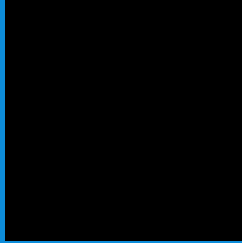
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

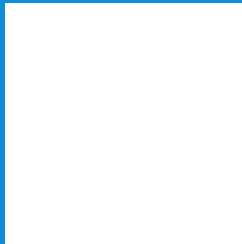
Any Text WCAG AAA × Fail

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

Hex 0D8DDA Background



This preview shows how black text looks on a background with the Hex color 0D8DDA.

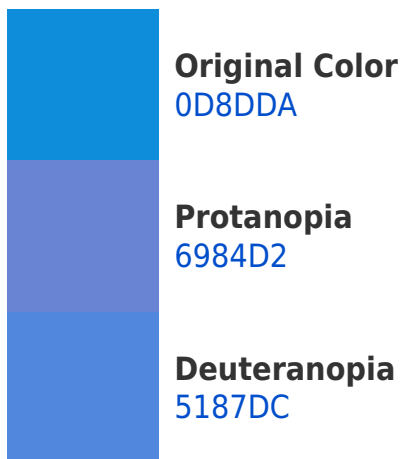


This preview shows how white text looks on a background with the Hex color 0D8DDA.

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](#).

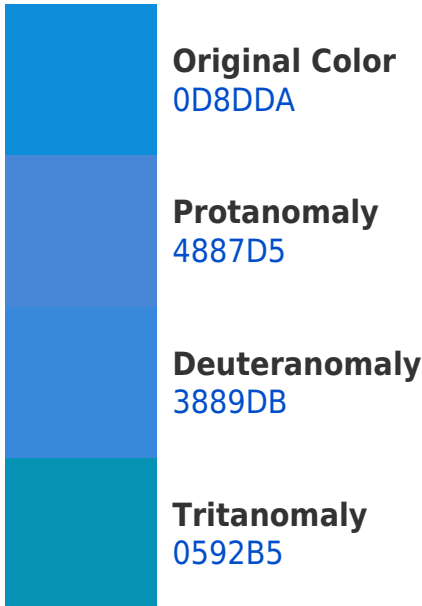
Dichromacy



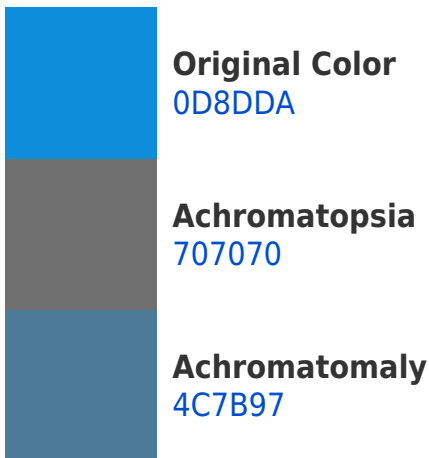


Tritanopia
0095A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D8DDA 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 #0D8DDA looks like.

```
.text, #text, p{  
    color:#0D8DDA  
}
```

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 #0D8DDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8DDA
}
```

Border

The CSS property to change the border of an element to Hex 0D8DDA 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
#0D8DDA }
```

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

```
.border{ border-color:#0D8DDA }
```

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

Here you see how a box with a 4 pixel #0D8DDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8DDA; -webkit-box-shadow:4px 4px  
4px 4px #0D8DDA; box-shadow:4px 4px 4px  
4px #0D8DDA }
```

Background

The CSS property to change the background color of an element to Hex 0D8DDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8DDA }
```

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

```
.background{ background-color:#0D8DDA }
```

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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