

Converting Colors

Hex(0D7AED)

Have a look what the booklet for
Hex(0D7AED) contains.

| | |
|--|----|
| Hex(0D7AED) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(0D7AED)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0D7AED |
| RGB | 13, 122, 237 |
| RGB Percent | 5%, 48%, 93% |
| CMY | 0.9490, 0.5216, 0.0706 |
| CMYK | 0.95, 0.49, 0.00, 0.07 |
| HSL | 211°, 90%, 49% |
| HSV | 211°, 95%, 93% |
| XYZ | 22.4116, 20.1191, 82.8229 |
| YIQ | 102.5190, -101.8790, 12.6570 |

Conversions

Conversions Part 2

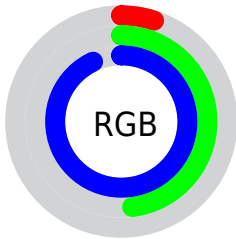
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 13, 86, 237 |
| Decimal | 883437 |
| CIELab | 51.97, 15.92, -65.38 |
| CIElCh | 52, 67.286, 283.683 |
| Yxy | 20.1191, 0.1788, 0.1605 |
| Android (android.graphics.Color) | 4279073517 (0xFF0D7AED) |
| YUV | 102.5190, 66.2991, -78.5082 |
| Hunter-Lab | 44.8543, 10.6931, -78.0803 |

Details

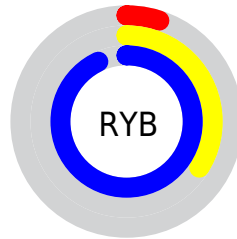
The Hex color **0D7AED** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **ED800D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6EAEFF**, and **004BB4** is the 20% darker color. If you saturate the color by 10%, you get **0073ED**, and if you desaturate by 10%, it is **2586ED**.

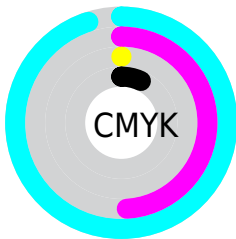
Distribution



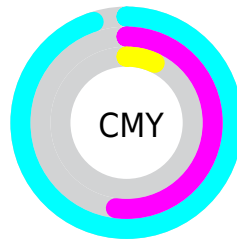
- Red (5%)
- Green (48%)
- Blue (93%)



- Red (5%)
- Yellow (34%)
- Blue (93%)



- Cyan (95%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)



- Cyan (95%)
- Magenta (52%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7AED 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 0D7AED by changing the saturation by 10% instead.

 0D7AED

 0D7AED

FFFFFF

 0062D0

 6EAEFF

 004BB4

 8FC9FF

 003599

 AFE5FF

 00227E

 CEFFFF

 000B64

 EEEFFF

 00094B

 000434

 00021E

 000000

■ 0D7AED

■ 0D7AED

■ 0073ED

■ 2586ED

■ 3C92ED

■ 549FED

■ 6CABED

■ 84B7ED

■ 9BC3ED

■ B3CFED

■ CBDBED

■ E2E8ED

Harmonies

Analogous

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



008BEB



0D7AED



9F5FD0

Triad

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



0D7AED



D3532D



009459

Complementary

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



0D7AED



ED800D

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.



378E1C



0D7AED



AF6E00

Square

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



0D7AED



E13B64



7D8200



009696

Rectangle

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



0D7AED



C64BB0



7D8200



009245

Sweetspot

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



0D7AED



B8DAFF



0DED7D



546980



000000



808080

Same Dimension

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



0D7AED



007CFF



0D0DED



6A6F75



0058B5



001A36

Inverse Universe

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



ED0D7A



FF007C



EDED0D



756A6F



B50058



36001A

Previews

White Background



This preview shows how the Hex color 0D7AED looks on a white background.

Color Contrast Check

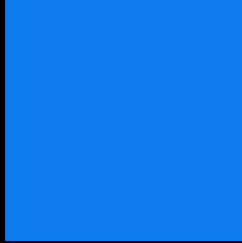
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0D7AED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

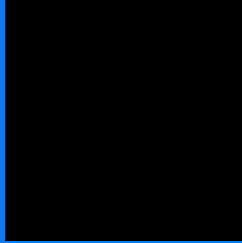
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

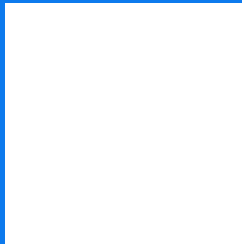
Any Text WCAG AAA × Fail

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

Hex 0D7AED Background



This preview shows how black text looks on a background with the Hex color 0D7AED.

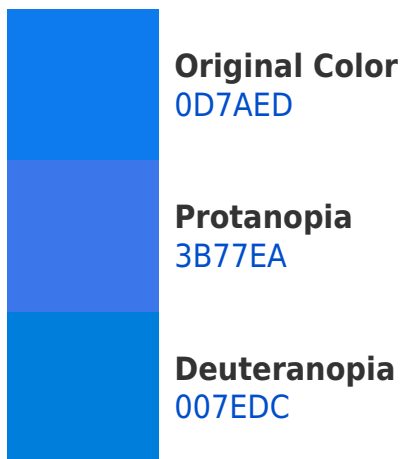


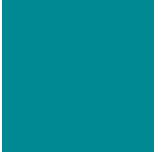
This preview shows how white text looks on a background with the Hex color 0D7AED.

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
008992

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7AED 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 #0D7AED looks like.

```
.text, #text, p{  
    color:#0D7AED  
}
```

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 #0D7AED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7AED
}
```

Border

The CSS property to change the border of an element to Hex 0D7AED 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
#0D7AED }
```

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

```
.border{ border-color:#0D7AED }
```

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

Here you see how a box with a 4 pixel #0D7AED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7AED; -webkit-box-shadow:4px 4px  
4px 4px #0D7AED; box-shadow:4px 4px 4px  
4px #0D7AED }
```

Background

The CSS property to change the background color of an element to Hex 0D7AED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7AED }
```

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

```
.background{ background-color:#0D7AED }
```

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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