

Converting Colors

Hex(0A84D2)

Have a look what the booklet for
Hex(0A84D2) contains.

Hex(0A84D2)	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(0A84D2)

Conversions

Conversions Part 1

Format	Color
Hex	0A84D2
RGB	10, 132, 210
RGB Percent	4%, 52%, 82%
CMY	0.9608, 0.4824, 0.1765
CMYK	0.95, 0.37, 0.00, 0.18
HSL	203°, 91%, 43%
HSV	203°, 95%, 82%
XYZ	20.0093, 21.2202, 64.0141
YIQ	104.4140, -97.7500, -1.6060

Conversions

Conversions Part 2

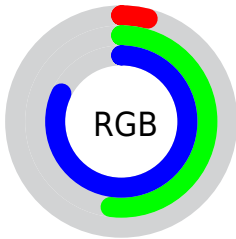
Format	Color
R _Y B	10, 86, 210
Decimal	689362
CIE Lab	53.19, -0.79, -48.25
CIE LCh	53, 48.260, 269.062
Yxy	21.2202, 0.1901, 0.2016
Android (android.graphics.Color)	4278879442 (0xFF0A84D2)
YUV	104.4140, 52.0539, -82.8011
Hunter-Lab	46.0654, -3.0799, -50.1457

Details

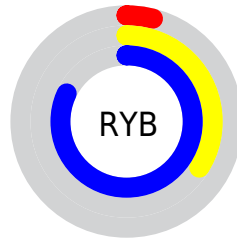
The Hex color **0A84D2** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D2580A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **66B9FF**, and **00539B** is the 20% darker color. If you saturate the color by 10%, you get **0080D2**, and if you desaturate by 10%, it is **1F8CD2**.

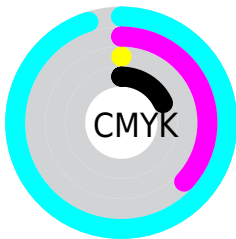
Distribution



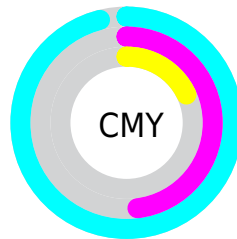
- Red (4%)
- Green (52%)
- Blue (82%)



- Red (4%)
- Yellow (34%)
- Blue (82%)



- Cyan (95%)
- Magenta (37%)
- Yellow (0%)
- Black (18%)



- Cyan (96%)
- Magenta (48%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A84D2 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 0A84D2 by changing the saturation by 10% instead.

0A84D2

0A84D2

FFFFFF

006BB6

66B9FF

00539B

86D4FF

003D80

A5F0FF

002867

C4FFFF

00134E

E2FFFF

000537

000220

000005

000000

■ 0A84D2

■ 0A84D2

■ 0080D2

■ 1F8CD2

■ 3494D2

■ 499DD2

■ 5EA5D2

■ 73ADD2

■ 88B5D2

■ 9DBDD2

■ B2C6D2

■ C7CED2

Harmonies

Analogous

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



008EC6



0A84D2



7E75C8

Triad

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



0A84D2



C95E59



349052

Complementary

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



0A84D2



D2580A

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.



6D8832



0A84D2



B76D38

Square

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



0A84D2



C95A82



977C26



00937C

Rectangle

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



0A84D2



A369B6



977C26



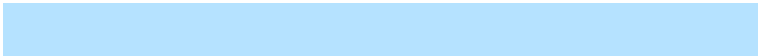
4B8E46

Sweetspot

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



0A84D2



B5E2FF



0AD257



536E80



000000



808080

Same Dimension

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



0A84D2



009CFF



0A21D2



5E6469



0067A8



001929

Inverse Universe

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



D20A84



FF009C



D2BB0A



695E64



A80067



290019

Previews

White Background



This preview shows how the Hex color 0A84D2 looks on a white background.

Color Contrast Check

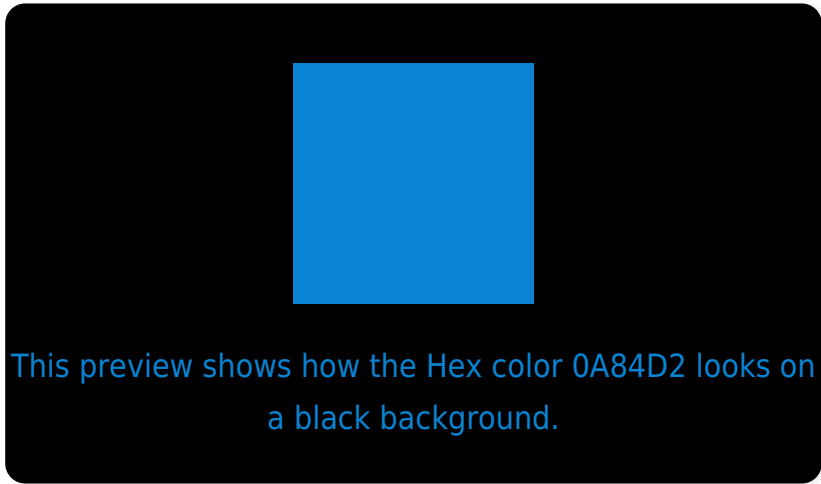
Large Text (above 18pt) WCAG AA ✓ Pass

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

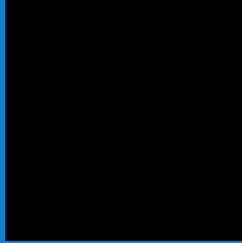
Any Text WCAG AA ✓ Pass

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 0A84D2 Background



This preview shows how black text looks on a background with the Hex color 0A84D2.

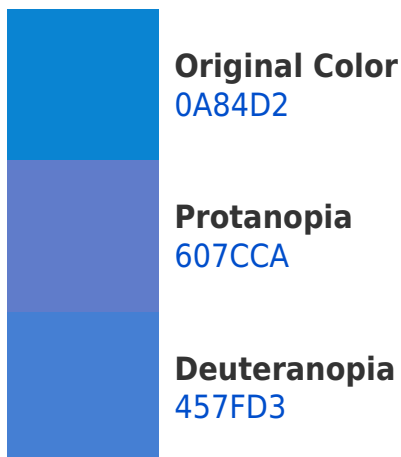


This preview shows how white text looks on a background with the Hex color 0A84D2.

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](#).

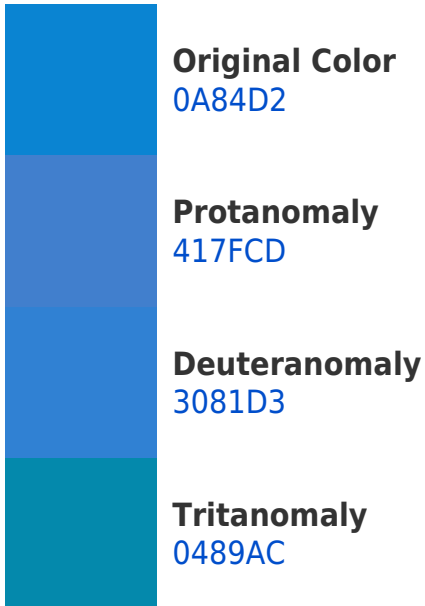
Dichromacy



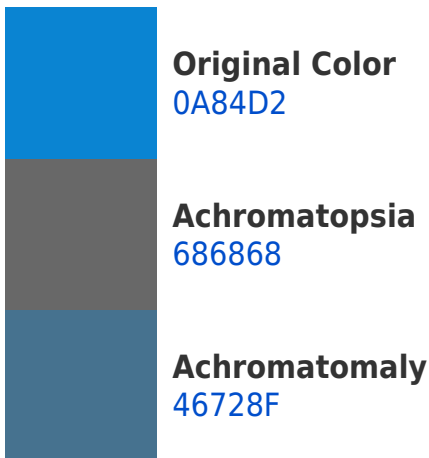


Tritanopia
008C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0A84D2 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 #0A84D2 looks like.

```
.text, #text, p{  
    color:#0A84D2  
}
```

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 #0A84D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A84D2
}
```

Border

The CSS property to change the border of an element to Hex 0A84D2 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
#0A84D2 }
```

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

```
.border{ border-color:#0A84D2 }
```

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

Here you see how a box with a 4 pixel #0A84D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A84D2; -webkit-box-shadow:4px 4px  
4px 4px #0A84D2; box-shadow:4px 4px 4px  
4px #0A84D2 }
```

Background

The CSS property to change the background color of an element to Hex 0A84D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A84D2 }
```

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

```
.background{ background-color:#0A84D2 }
```

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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