

Converting Colors

Hex(0A97E8)

Have a look what the booklet for
Hex(0A97E8) contains.

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Color

Hex(0A97E8)

Conversions

Conversions Part 1

Format	Color
Hex	0A97E8
RGB	10, 151, 232
RGB Percent	4%, 59%, 91%
CMY	0.9608, 0.4078, 0.0902
CMYK	0.96, 0.35, 0.00, 0.09
HSL	202°, 92%, 47%
HSV	202°, 96%, 91%
XYZ	25.7573, 28.0239, 80.3955
YIQ	118.0750, -110.0370, -4.7010

Conversions

Conversions Part 2

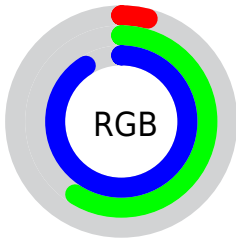
Format	Color
R _Y B	10, 96, 232
Decimal	694248
CIE Lab	59.91, -3.64, -49.89
CIE LCh	60, 50.020, 265.829
Yxy	28.0239, 0.1920, 0.2089
Android (android.graphics.Color)	4278884328 (0xFF0A97E8)
YUV	118.0750, 56.1650, -94.7818
Hunter-Lab	52.9376, -5.7902, -52.9864

Details

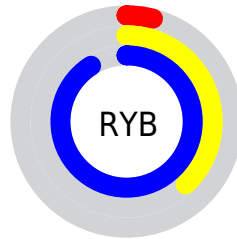
The Hex color **0A97E8** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E85B0A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6CCDFE**, and **0065B0** is the 20% darker color. If you saturate the color by 10%, you get **0093E8**, and if you desaturate by 10%, it is **219FE8**.

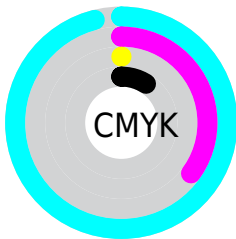
Distribution



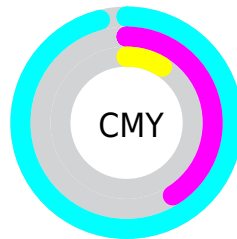
- Red (4%)
- Green (59%)
- Blue (91%)



- Red (4%)
- Yellow (38%)
- Blue (91%)



- Cyan (96%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)



- Cyan (96%)
- Magenta (41%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A97E8 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 0A97E8 by changing the saturation by 10% instead.

 0A97E8

 0A97E8

FFFFFF

 007DCC

 6CCDFE

 0065B0

 8DE9FF

 004D95

 ADFFFF


 00377B

 CCFFFF

 002261

 EBFFFF

 000949

 000431

 00011C

 000000

■ 0A97E8

■ 0A97E8

■ 0093E8

■ 219FE8

■ 38A8E8

■ 50B0E8

■ 67B9E8

■ 7EC1E8

■ 95CAE8

■ ACD2E8

■ C4DBE8

■ DBE3E8

Harmonies

Analogous

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



00A1D8



0A97E8



8887E0

Triad

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



0A97E8



E16D6C



4BA25D

Complementary

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



0A97E8



E85B0A

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.



83993D



0A97E8



CF7B48

Square

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



0A97E8



DD6A98



AE8C34



00A689

Rectangle

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



0A97E8



B17BCE



AE8C34



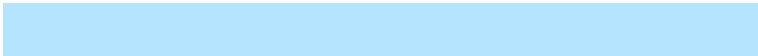
619F50

Sweetspot

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



0A97E8



B5E4FF



0AE858



536F80



000000



808080

Same Dimension

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



0A97E8



00A2FF



0A2BE8



676F73



0071B3



002033

Inverse Universe

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



E80A97



FF00A2



E8C70A



73676F



B30071



330020

Previews

White Background



This preview shows how the Hex color 0A97E8 looks on a white background.

Color Contrast Check

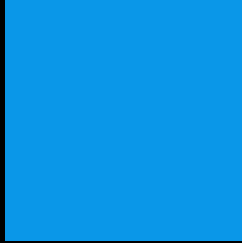
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A97E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

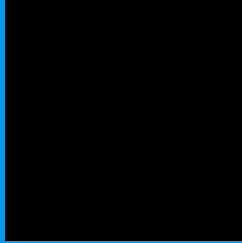
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

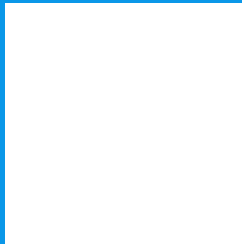
Any Text WCAG AAA × Fail

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

Hex 0A97E8 Background



This preview shows how black text looks on a background with the Hex color 0A97E8.



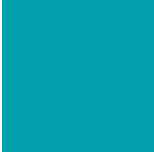
This preview shows how white text looks on a background with the Hex color 0A97E8.

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





Trichromacy



Original Color
0A97E8



Protanomaly
4C91E2



Deuteranomaly
3C93E9



Tritanomaly
049CC1

Monochromacy



Original Color
0A97E8



Achromatopsia
767676



Achromatomaly
4F829F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A97E8 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 #0A97E8 looks like.

```
.text, #text, p{  
    color:#0A97E8  
}
```

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 #0A97E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A97E8
}
```

Border

The CSS property to change the border of an element to Hex 0A97E8 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
#0A97E8 }
```

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

```
.border{ border-color:#0A97E8 }
```

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

Here you see how a box with a 4 pixel #0A97E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A97E8; -webkit-box-shadow:4px 4px  
4px 4px #0A97E8; box-shadow:4px 4px 4px  
4px #0A97E8 }
```

Background

The CSS property to change the background color of an element to Hex 0A97E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A97E8 }
```

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

```
.background{ background-color:#0A97E8 }
```

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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