

Converting Colors

Hex(0096EA)

Have a look what the booklet for
Hex(0096EA) contains.

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Color

Hex(0096EA)

Conversions

Conversions Part 1

Format	Color
Hex	0096EA
RGB	0, 150, 234
RGB Percent	0%, 59%, 92%
CMY	1.0000, 0.4118, 0.0824
CMYK	1.00, 0.36, 0.00, 0.08
HSL	202°, 100%, 46%
HSV	202°, 100%, 92%
XYZ	25.7576, 27.7532, 81.8412
YIQ	114.7260, -116.3640, -5.6760

Conversions

Conversions Part 2

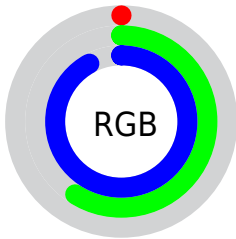
Format	Color
RYB	0, 91, 234
Decimal	38634
CIELab	59.67, -2.58, -51.39
CIELCh	60, 51.452, 267.126
Yxy	27.7532, 0.1903, 0.2050
Android (android.graphics.Color)	4278228714 (0xFF0096EA)
YUV	114.7260, 58.8021, -100.6147
Hunter-Lab	52.6813, -4.9178, -55.2310

Details

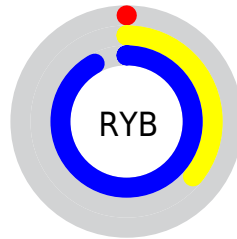
The Hex color **0096EA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **EA5400**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6BCCFF**, and **0064B2** is the 20% darker color. If you saturate the color by 10%, you get **0096EA**, and if you desaturate by 10%, it is **179EEA**.

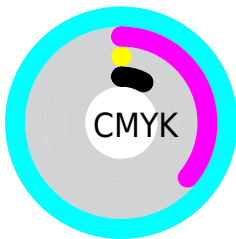
Distribution



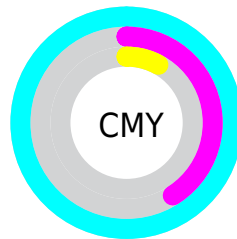
- Red (0%)
- Green (59%)
- Blue (92%)



- Red (0%)
- Yellow (36%)
- Blue (92%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (8%)




- Cyan (100%)
- Magenta (41%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0096EA 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 0096EA by changing the saturation by 10% instead.

 0096EA

 0096EA

FFFFFF

 007CCE

 6BCCFF

 0064B2

 8CE8FF

 004C97

 ACFFFF

 00367C

 CBFFFF

 002263

 EBFFFF

 00094A

 000433

 00021D

 000000

 0096EA

 179EEA

 2FA7EA

 46AFEA

 5EB8EA

 75C0EA

 8CC8EA

 A4D1EA

 BBD9EA

 D3E2EA

Harmonies

Analogous

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



00A1DB



0096EA



8A86E0

Triad

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



0096EA



E26B69



44A25C

Complementary

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



0096EA



EA5400

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.



80993A



0096EA



CF7B44

Square

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



0096EA



DF6896



AC8C30



00A68A

Rectangle

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



0096EA



B379CE



AC8C30



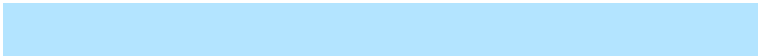
5B9F4F

Sweetspot

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



0096EA



B3E4FF



00EA52



526F80



000000



808080

Same Dimension

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



0096EA



00A3FF



0023EA



6A7175



0074B5



002236

Inverse Universe

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



EA0096



FF00A3



EAC700



756A71



B50074



360022

Previews

White Background



This preview shows how the Hex color 0096EA 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 0096EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

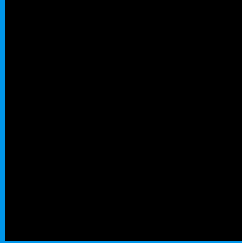
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

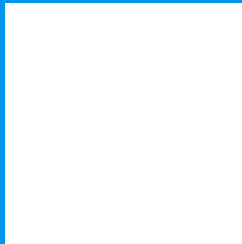
Any Text WCAG AAA × Fail

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

Hex 0096EA Background



This preview shows how black text looks on a background with the Hex color 0096EA.



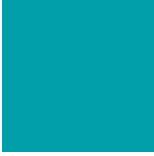
This preview shows how white text looks on a background with the Hex color 0096EA.

Color Blindness Simulation

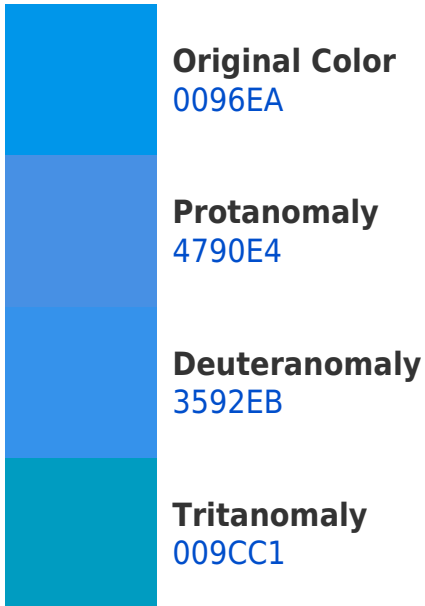
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0096EA 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 #0096EA looks like.

```
.text, #text, p{  
    color:#0096EA  
}
```

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 #0096EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0096EA
}
```

Border

The CSS property to change the border of an element to Hex 0096EA 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
#0096EA }
```

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

```
.border{ border-color:#0096EA }
```

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

Here you see how a box with a 4 pixel #0096EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0096EA; -webkit-box-shadow:4px 4px  
4px 4px #0096EA; box-shadow:4px 4px 4px  
4px #0096EA }
```

Background

The CSS property to change the background color of an element to Hex 0096EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0096EA }
```

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

```
.background{ background-color:#0096EA }
```

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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