

Converting Colors

Hex(0196E4)

Have a look what the booklet for
Hex(0196E4) contains.

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Color

Hex(0196E4)

Conversions

Conversions Part 1

Format	Color
Hex	0196E4
RGB	1, 150, 228
RGB Percent	0%, 59%, 89%
CMY	0.9961, 0.4118, 0.1059
CMYK	1.00, 0.34, 0.00, 0.11
HSL	201°, 99%, 45%
HSV	201°, 100%, 89%
XYZ	24.9225, 27.4206, 77.3779
YIQ	114.3410, -113.8420, -7.3300

Conversions

Conversions Part 2

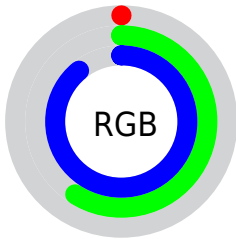
Format	Color
R _Y B	1, 91, 228
Decimal	104164
CIE Lab	59.36, -4.81, -48.54
CIE LCh	59, 48.781, 264.345
Yxy	27.4206, 0.1921, 0.2114
Android (android.graphics.Color)	4278294244 (0xFF0196E4)
YUV	114.3410, 56.0339, -99.4001
Hunter-Lab	52.3647, -6.6828, -50.9561

Details

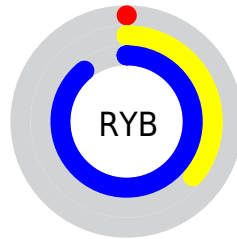
The Hex color **0196E4** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E44F01**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **69CCFF**, and **0064AC** is the 20% darker color. If you saturate the color by 10%, you get **0096E4**, and if you desaturate by 10%, it is **189EE4**.

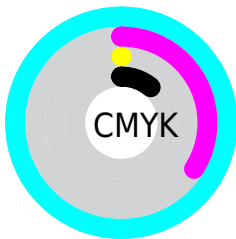
Distribution



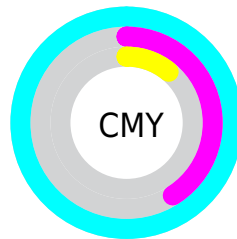
- Red (0%)
- Green (59%)
- Blue (89%)



- Red (0%)
- Yellow (36%)
- Blue (89%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0196E4 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 0196E4 by changing the saturation by 10% instead.

0196E4

0196E4

FFFFFF

007CC8

69CCFF

0064AC

8AE8FF

004C91

AAFFFF

003677

C9FFFF

00225E

E9FFFF

000846

00042E

000119

000000

■ 0196E4

■ 0196E4

■ 0096E4

■ 189EE4

■ 2FA6E4

■ 45AEE4

■ 5CB5E4

■ 73BDE4

■ 8AC5E4

■ A1CDE4

■ B7D5E4

■ CEDDE4

Harmonies

Analogous

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



00A0D4



0196E4



8487DD

Triad

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



0196E4



DE6C6E



4FA05B

Complementary

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



0196E4



E44F01

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.



85973D



0196E4



CE7A4A

Square

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



0196E4



D96A99



AE8A36



00A485

Rectangle

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



0196E4



AC7BCD



AE8A36



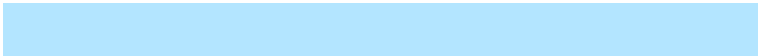
639D4F

Sweetspot

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



0196E4



B3E5FF



01E44D



527080



000000



808080

Same Dimension

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



0196E4



00A7FF



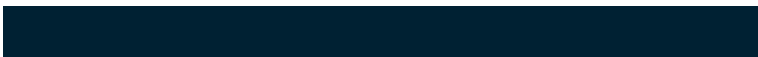
0127E4



676F73



0075B3



002133

Inverse Universe

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



E40196



FF00A7



E4BE01



73676F



B30075



330021

Previews

White Background



This preview shows how the Hex color 0196E4 looks on a white background.

Color Contrast Check

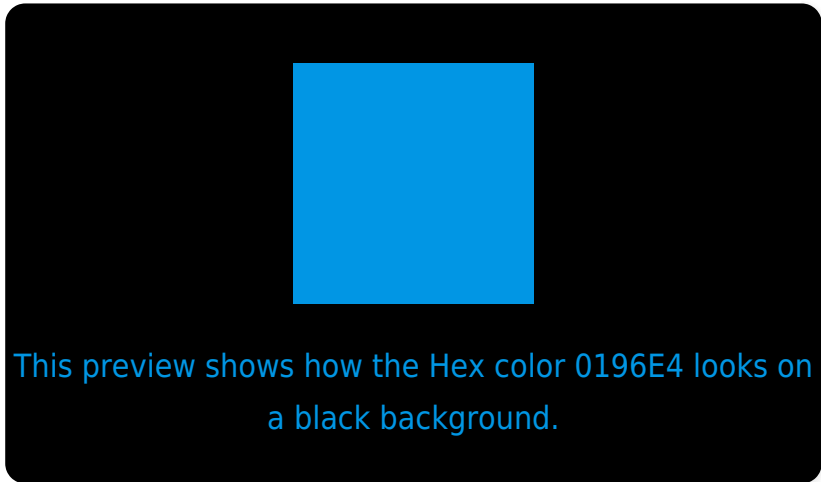
Large Text (above 18pt) WCAG AA ✓ Pass

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

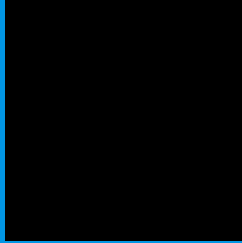
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

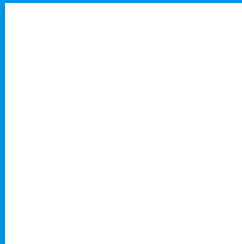
Any Text WCAG AAA × Fail

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

Hex 0196E4 Background



This preview shows how black text looks on a background with the Hex color 0196E4.

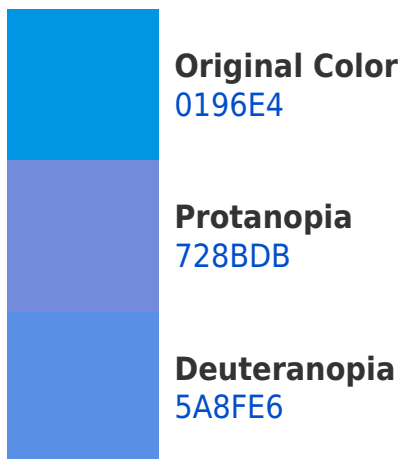


This preview shows how white text looks on a background with the Hex color 0196E4.

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
009EA9

Trichromacy



Original Color
0196E4



Protanomaly
498FDE



Deuteranomaly
3A92E5



Tritanomaly
009BBE

Monochromacy



Original Color
0196E4



Achromatopsia
727272



Achromatomaly
497F9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0196E4 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 #0196E4 looks like.

```
.text, #text, p{  
    color:#0196E4  
}
```

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 #0196E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0196E4
}
```

Border

The CSS property to change the border of an element to Hex 0196E4 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
#0196E4 }
```

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

```
.border{ border-color:#0196E4 }
```

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

Here you see how a box with a 4 pixel #0196E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0196E4; -webkit-box-shadow:4px 4px  
4px 4px #0196E4; box-shadow:4px 4px 4px  
4px #0196E4 }
```

Background

The CSS property to change the background color of an element to Hex 0196E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0196E4 }
```

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

```
.background{ background-color:#0196E4 }
```

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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