

Converting Colors

Hex(0090E6)

Have a look what the booklet for
Hex(0090E6) contains.

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Color

Hex(0090E6)

Conversions

Conversions Part 1

Format	Color
Hex	0090E6
RGB	0, 144, 230
RGB Percent	0%, 56%, 90%
CMY	1.0000, 0.4353, 0.0980
CMYK	1.00, 0.37, 0.00, 0.10
HSL	202°, 100%, 45%
HSV	202°, 100%, 90%
XYZ	24.2562, 25.6597, 78.5373
YIQ	110.7480, -113.4300, -3.7820

Conversions

Conversions Part 2

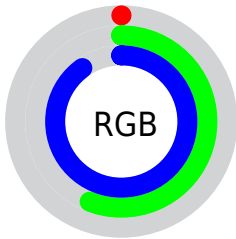
Format	Color
R _Y B	0, 89, 230
Decimal	37094
CIE _{Lab}	57.71, -0.58, -52.27
CIE _{LCh}	58, 52.276, 269.368
Yxy	25.6597, 0.1888, 0.1998
Android (android.graphics.Color)	4278227174 (0xFF0090E6)
YUV	110.7480, 58.7912, -97.1260
Hunter-Lab	50.6554, -3.1727, -56.4658

Details

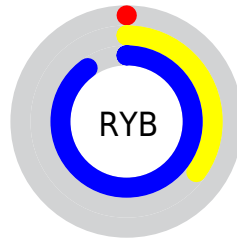
The Hex color **0090E6** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E65600**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6AC5FF**, and **005EAE** is the 20% darker color. If you saturate the color by 10%, you get **0090E6**, and if you desaturate by 10%, it is **1799E6**.

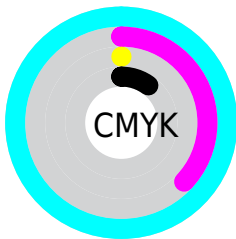
Distribution



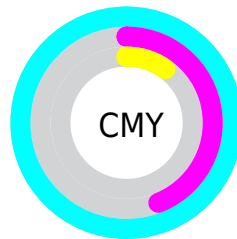
- Red (0%)
- Green (56%)
- Blue (90%)



- Red (0%)
- Yellow (35%)
- Blue (90%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0090E6 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 0090E6 by changing the saturation by 10% instead.

0090E6

0090E6

FFFFFF

0077CA

6AC5FF

005EAE

8BE1FF

004793

AAFEFF

003279

CAFFFF

001E5F

E9FFFF

000847

000430

00011A

000000

■ 0090E6

■ 1799E6

■ 2EA1E6

■ 45AAE6

■ 5CB2E6

■ 73BBE6

■ 8AC4E6

■ A1CCE6

■ B8D5E6

■ CFDDE6

Harmonies

Analogous

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



009BD9



0090E6



8A7FDB

Triad

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



0090E6



DC6660



369D5A

Complementary

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



0090E6



E65600

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.



779535



0090E6



C7773C

Square

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



0090E6



DC618E



A48828



00A188

Rectangle

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



0090E6



B272C7



A48828



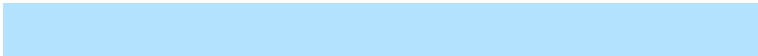
509B4C

Sweetspot

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



0090E6



B3E2FF



00E654



526E80



000000



808080

Same Dimension

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



0090E6



00A0FF



001FE6



676E73



0070B3



002033

Inverse Universe

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



E60090



FF00A0



E6C700



73676E



B30070



330020

Previews

White Background



This preview shows how the Hex color 0090E6 looks on a white background.

Color Contrast Check

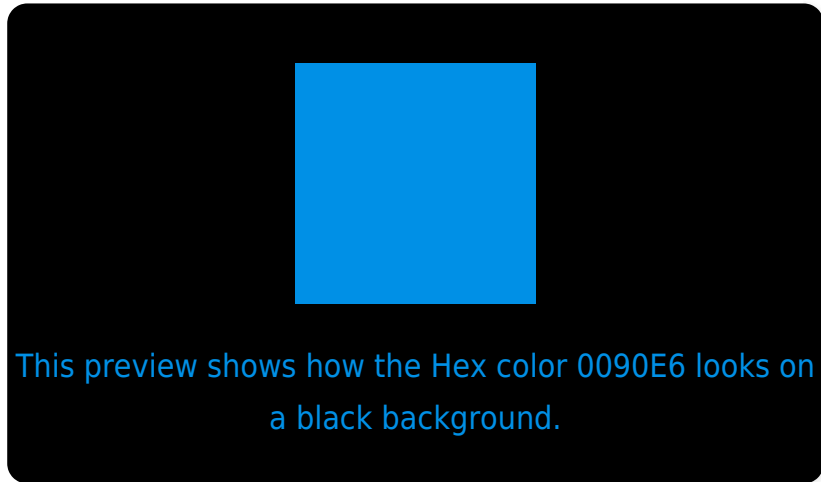
Large Text (above 18pt) WCAG AA ✓ Pass

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

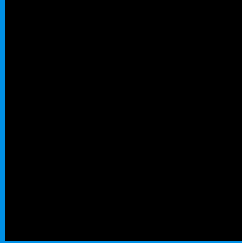
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

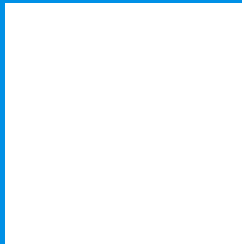
Any Text WCAG AAA × Fail

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

Hex 0090E6 Background



This preview shows how black text looks on a background with the Hex color 0090E6.



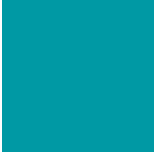
This preview shows how white text looks on a background with the Hex color 0090E6.

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
0099A4

Trichromacy



Original Color
0090E6



Protanomaly
428AE1



Deuteranomaly
2F8DE7



Tritanomaly
0096BC

Monochromacy



Original Color
0090E6



Achromatopsia
6F6F6F



Achromatomaly
477B9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0090E6 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 #0090E6 looks like.

```
.text, #text, p{  
    color:#0090E6  
}
```

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 #0090E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0090E6
}
```

Border

The CSS property to change the border of an element to Hex 0090E6 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
#0090E6 }
```

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

```
.border{ border-color:#0090E6 }
```

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

Here you see how a box with a 4 pixel #0090E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0090E6; -webkit-box-shadow:4px 4px  
4px 4px #0090E6; box-shadow:4px 4px 4px  
4px #0090E6 }
```

Background

The CSS property to change the background color of an element to Hex 0090E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0090E6 }
```

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

```
.background{ background-color:#0090E6 }
```

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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