

Converting Colors

Hex(0086EA)

Have a look what the booklet for
Hex(0086EA) contains.

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Color

Hex(0086EA)

Conversions

Conversions Part 1

Format	Color
Hex	0086EA
RGB	0, 134, 234
RGB Percent	0%, 53%, 92%
CMY	1.0000, 0.4745, 0.0824
CMYK	1.00, 0.43, 0.00, 0.08
HSL	206°, 100%, 46%
HSV	206°, 100%, 92%
XYZ	23.3764, 22.9907, 81.0475
YIQ	105.3340, -111.9640, 2.6920

Conversions

Conversions Part 2

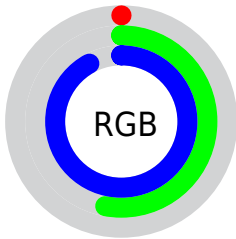
Format	Color
RYB	0, 85, 234
Decimal	34538
CIELab	55.06, 6.96, -58.73
CIElCh	55, 59.144, 276.761
Yxy	22.9907, 0.1835, 0.1804
Android (android.graphics.Color)	4278224618 (0xFF0086EA)
YUV	105.3340, 63.4323, -92.3779
Hunter-Lab	47.9486, 3.1140, -66.6538

Details

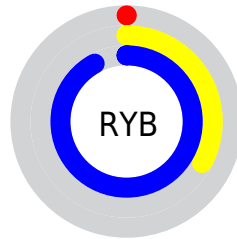
The Hex color **0086EA** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **EA6400**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6BBBFF**, and **0055B1** is the 20% darker color. If you saturate the color by 10%, you get **0086EA**, and if you desaturate by 10%, it is **1790EA**.

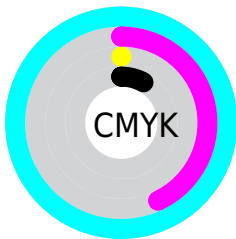
Distribution



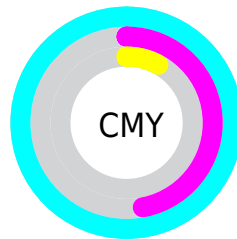
- Red (0%)
- Green (53%)
- Blue (92%)



- Red (0%)
- Yellow (33%)
- Blue (92%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (47%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0086EA 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 0086EA by changing the saturation by 10% instead.

 0086EA

 0086EA

FFFFFF

 006DCD

 6BBBFF

 0055B1

 8CD6FF

 003F96

 ACF2FF

 002A7C

 CBFFFF

 001762

 EAFFFF

 00094A

 000432

 00021C

 000000

■ 0086EA

■ 1790EA

■ 2F9AEA

■ 46A4EA

■ 5EAEEA

■ 75B8EA

■ 8CC2EA

■ A4CCEA

■ BBD6EA

■ D3E0EA

Harmonies

Analogous

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



0094E2



0086EA



9471D6

Triad

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



0086EA



D95D49



009959

Complementary

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



0086EA



EA6400

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.



5C9229



0086EA



BD721F

Square

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



0086EA



DF517A



938506



009C8E

Rectangle

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



0086EA



BC61BD



938506



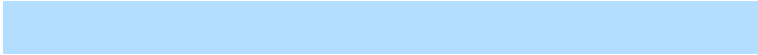
209748

Sweetspot

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



0086EA



B3DEFF



00EA62



526C80



000000



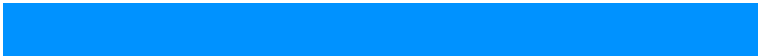
808080

Same Dimension

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



0086EA



0092FF



0013EA



6A7075



0068B5



001F36

Inverse Universe

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



EA0086



FF0092



EAD700



756A70



B50068



36001F

Previews

White Background



This preview shows how the Hex color 0086EA looks on a white background.

Color Contrast Check

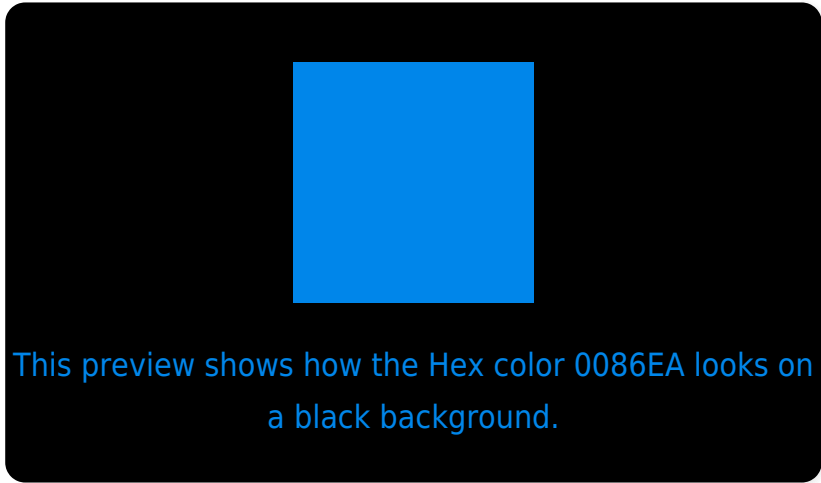
Large Text (above 18pt) WCAG AA ✓ Pass

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

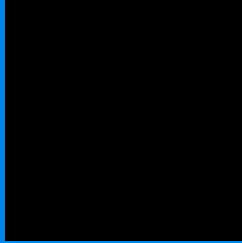
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

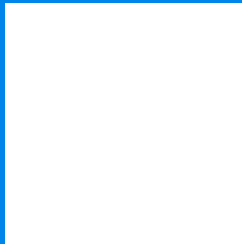
Any Text WCAG AAA × Fail

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

Hex 0086EA Background



This preview shows how black text looks on a background with the Hex color 0086EA.



This preview shows how white text looks on a background with the Hex color 0086EA.

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
00929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0086EA 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 #0086EA looks like.

```
.text, #text, p{  
    color:#0086EA  
}
```

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 #0086EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0086EA
}
```

Border

The CSS property to change the border of an element to Hex 0086EA 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
#0086EA }
```

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

```
.border{ border-color:#0086EA }
```

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

Here you see how a box with a 4 pixel #0086EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0086EA; -webkit-box-shadow:4px 4px  
4px 4px #0086EA; box-shadow:4px 4px 4px  
4px #0086EA }
```

Background

The CSS property to change the background color of an element to Hex 0086EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0086EA }
```

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

```
.background{ background-color:#0086EA }
```

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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