

Converting Colors

Hex(0086CE)

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

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Color

Hex(0086CE)

Conversions

Conversions Part 1

Format	Color
Hex	0086CE
RGB	0, 134, 206
RGB Percent	0%, 53%, 81%
CMY	1.0000, 0.4745, 0.1922
CMYK	1.00, 0.35, 0.00, 0.19
HSL	201°, 100%, 40%
HSV	201°, 100%, 81%
XYZ	19.6657, 21.5064, 61.5072
YIQ	102.1420, -102.9760, -6.0160

Conversions

Conversions Part 2

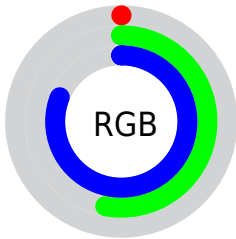
Format	Color
RYB	0, 81, 206
Decimal	34510
CIELab	53.50, -3.84, -45.50
CIElCh	53, 45.665, 265.179
Yxy	21.5064, 0.1915, 0.2095
Android (android.graphics.Color)	4278224590 (0xFF0086CE)
YUV	102.1420, 51.2020, -89.5785
Hunter-Lab	46.3750, -5.4620, -46.1738

Details

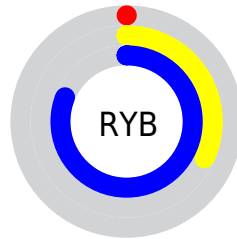
The Hex color **0086CE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CE4800**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **63BBFF**, and **005597** is the 20% darker color. If you saturate the color by 10%, you get **0086CE**, and if you desaturate by 10%, it is **158DCE**.

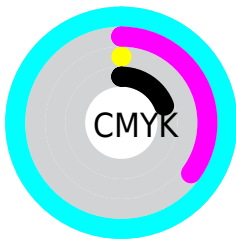
Distribution



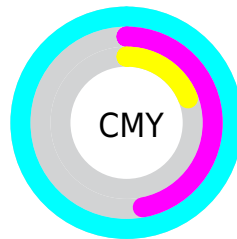
- Red (0%)
- Green (53%)
- Blue (81%)



- Red (0%)
- Yellow (32%)
- Blue (81%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 0086CE

 0086CE

FFFFFF

 006DB2

 63BBFF

 005597

 83D6FF

 003E7D

 A2F3FF

 002964

 C1FFFF

 00154B

 DFFFFFF

 000434

FEFFFF

 00021E

 000000

 0086CE

 158DCE

 2994CE

 3E9CCE

 52A3CE

 67AACE

 7CB1CE

 90B8CE

 A5C0CE

 B9C7CE

Harmonies

Analogous

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



008FC0



0086CE



7778C7

Triad

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



0086CE



C86061



448F51

Complementary

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



0086CE



CE4800

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.



758735



0086CE



B96D40

Square

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



0086CE



C45E88



9B7C2E



009378

Rectangle

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



0086CE



9C6DB8



9B7C2E



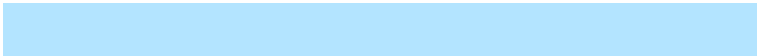
568D46

Sweetspot

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



0086CE



B3E4FF



00CE45



526F80



000000



808080

Same Dimension

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



0086CE



00A6FF



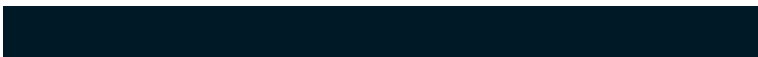
0022CE



5C6266



006CA6



001926

Inverse Universe

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



CE0086



FF00A6



CEAC00



665C62



A6006C



260019

Previews

White Background



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

Color Contrast Check

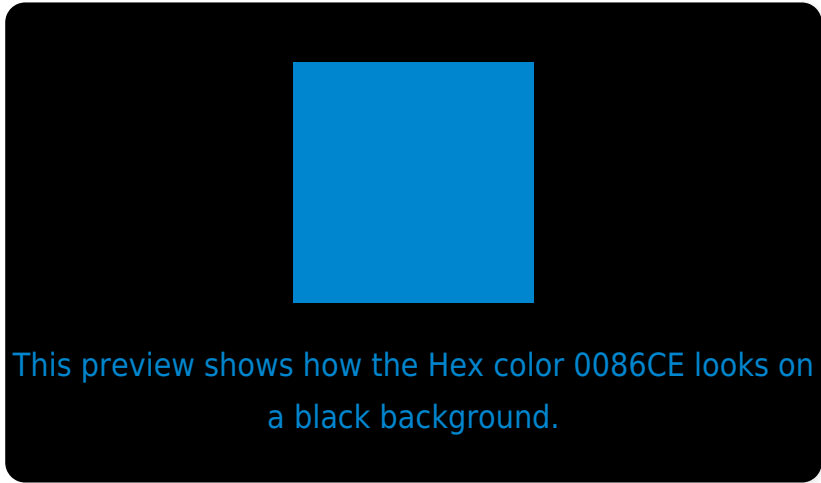
Large Text (above 18pt) WCAG AA ✓ Pass

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 0086CE Background



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



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

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](#).

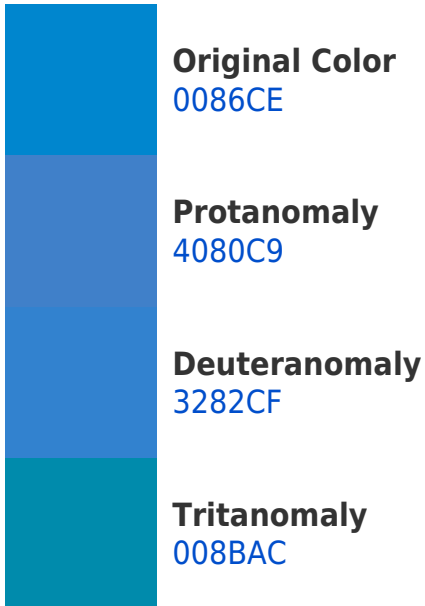
Dichromacy





Tritanopia
008E98

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0086CE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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