

Converting Colors

Hex(0086C7)

Have a look what the booklet for
Hex(0086C7) contains.

Hex(0086C7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0086C7)

Conversions

Conversions Part 1

Format	Color
Hex	0086C7
RGB	0, 134, 199
RGB Percent	0%, 53%, 78%
CMY	1.0000, 0.4745, 0.2196
CMYK	1.00, 0.33, 0.00, 0.22
HSL	200°, 100%, 39%
HSV	200°, 100%, 78%
XYZ	18.8339, 21.1737, 57.1271
YIQ	101.3440, -100.7290, -8.1930

Conversions

Conversions Part 2

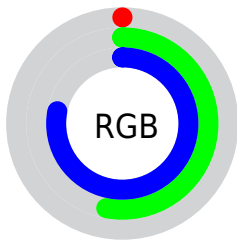
Format	Color
RYB	0, 80, 199
Decimal	34503
CIELab	53.14, -6.51, -42.10
CIElCh	53, 42.604, 261.205
Yxy	21.1737, 0.1939, 0.2180
Android (android.graphics.Color)	4278224583 (0xFF0086C7)
YUV	101.3440, 48.1444, -88.8787
Hunter-Lab	46.0149, -7.4660, -41.3976

Details

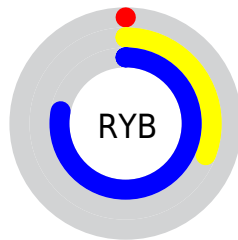
The Hex color **0086C7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C74100**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **62BBFF**, and **005591** is the 20% darker color. If you saturate the color by 10%, you get **0086C7**, and if you desaturate by 10%, it is **148DC7**.

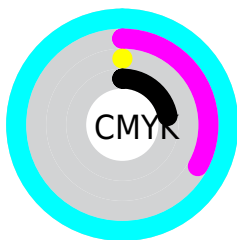
Distribution



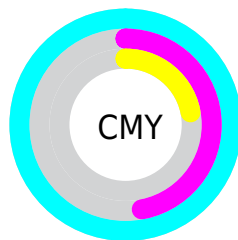
- Red (0%)
- Green (53%)
- Blue (78%)



- Red (0%)
- Yellow (31%)
- Blue (78%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0086C7 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 0086C7 by changing the saturation by 10% instead.

 0086C7

 0086C7

FFFFFF

 006DAB

 62BBFF

 005591

 81D7FF

 003E77

 A0F3FF

 00295E

 BEFFFF

 001545

 DDFFFF

 00042E

 FCFFFF

 000119

 000000

 0086C7

 148DC7

 2893C7

 3C9AC7

 50A0C7

 64A7C7

 77ADC7

 8BB4C7

 9FBAC7

 B3C1C7

Harmonies

Analogous

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



008EB7



0086C7



707AC3

Triad

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



0086C7



C36166



4F8D4F

Complementary

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



0086C7



C74100

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.



7B8537



0086C7



B76C47

Square

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



0086C7



BD618B



9D7934



009172

Rectangle

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



0086C7



9470B6



9D7934



5F8A45

Sweetspot

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



0086C7



B3E6FF



00C73F



527180



000000



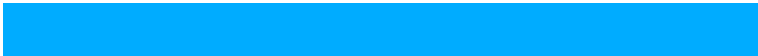
808080

Same Dimension

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



0086C7



00ACFF



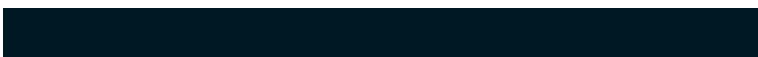
0024C7



5A6063



006EA3



001824

Inverse Universe

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



C70086



FF00AC



C7A300



635A60



A3006E



240018

Previews

White Background



This preview shows how the Hex color 0086C7 looks on a white background.

Color Contrast Check

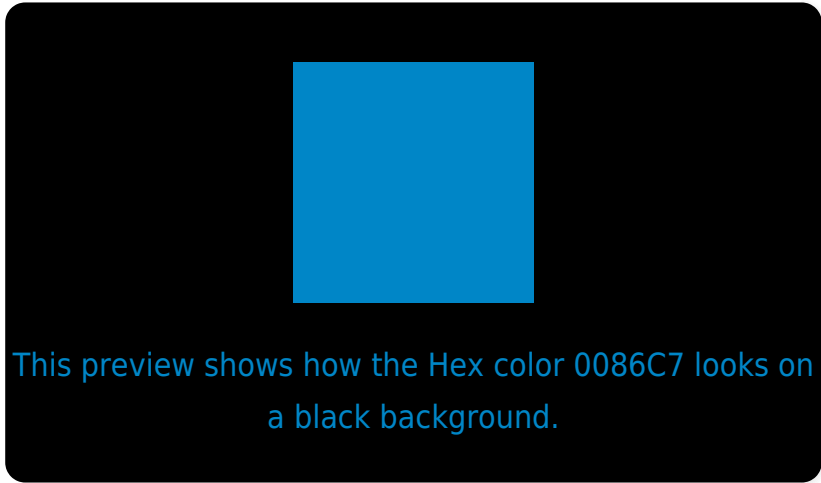
Large Text (above 18pt) WCAG AA ✓ Pass

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

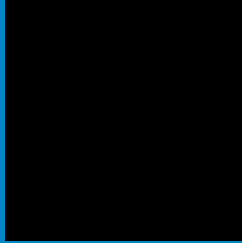
Any Text WCAG AA ✓ Pass

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 0086C7 Background



This preview shows how black text looks on a background with the Hex color 0086C7.



This preview shows how white text looks on a background with the Hex color 0086C7.

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](#).

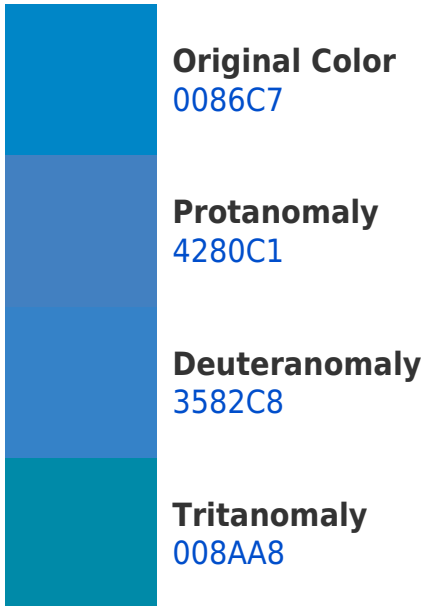
Dichromacy





Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0086C7 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 #0086C7 looks like.

```
.text, #text, p{  
  color:#0086C7  
}
```

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 #0086C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0086C7
}
```

Border

The CSS property to change the border of an element to Hex 0086C7 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
#0086C7 }
```

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

```
.border{ border-color:#0086C7 }
```

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

Here you see how a box with a 4 pixel #0086C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0086C7; -webkit-box-shadow:4px 4px  
4px 4px #0086C7; box-shadow:4px 4px 4px  
4px #0086C7 }
```

Background

The CSS property to change the background color of an element to Hex 0086C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0086C7 }
```

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

```
.background{ background-color:#0086C7 }
```

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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