

Converting Colors

Hex(0084C8)

Have a look what the booklet for
Hex(0084C8) contains.

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Color

Hex(0084C8)

Conversions

Conversions Part 1

Format	Color
Hex	0084C8
RGB	0, 132, 200
RGB Percent	0%, 52%, 78%
CMY	1.0000, 0.4824, 0.2157
CMYK	1.00, 0.34, 0.00, 0.22
HSL	200°, 100%, 39%
HSV	200°, 100%, 78%
XYZ	18.6766, 20.6727, 57.6494
YIQ	100.2840, -100.5000, -6.8360

Conversions

Conversions Part 2

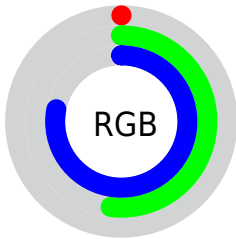
Format	Color
RYB	0, 80, 200
Decimal	33992
CIELab	52.59, -4.96, -43.54
CIELCh	53, 43.823, 263.503
Yxy	20.6727, 0.1925, 0.2131
Android (android.graphics.Color)	4278224072 (0xFF0084C8)
YUV	100.2840, 49.1600, -87.9491
Hunter-Lab	45.4672, -6.2450, -43.3488

Details

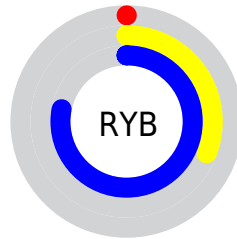
The Hex color **0084C8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C84400**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **62B9FF**, and **005392** is the 20% darker color. If you saturate the color by 10%, you get **0084C8**, and if you desaturate by 10%, it is **148BC8**.

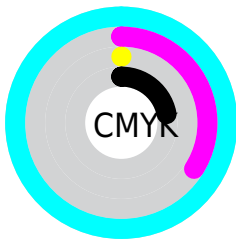
Distribution



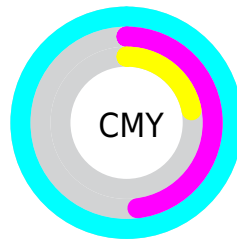
- Red (0%)
- Green (52%)
- Blue (78%)



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



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0084C8 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 0084C8 by changing the saturation by 10% instead.

 0084C8

 0084C8

FFFFFF

 006BAC

 62B9FF

 005392

 81D4FF

 003C77

 A0F1FF

 00275E

 BFFFFF

 001346

 DDDFFF

 00042F

 FCFFFF

 000119

 000000

 0084C8

 148BC8

 2892C8

 3C98C8

 509FC8

 64A6C8

 78ADC8

 8CB4C8

 A0BAC8

 B4C1C8

Harmonies

Analogous

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



008CB9



0084C8



7277C3

Triad

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



0084C8



C35F62



488C4F

Complementary

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



0084C8



C84400

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.



768435



0084C8



B56B42

Square

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



0084C8



BE5E87



9A7930



009074

Rectangle

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



0084C8



966DB4



9A7930



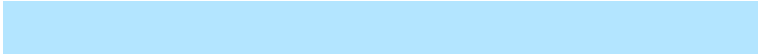
598A45

Sweetspot

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



0084C8



B3E5FF



00C843



527080



000000



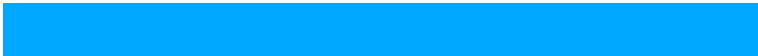
808080

Same Dimension

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



0084C8



00A8FF



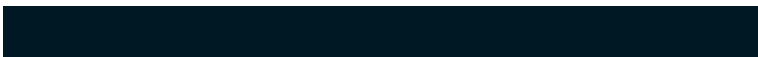
0021C8



5A6063



006CA3



001824

Inverse Universe

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



C80084



FF00A8



C8A700



635A60



A3006C



240018

Previews

White Background



This preview shows how the Hex color 0084C8 looks on a white background.

Color Contrast Check

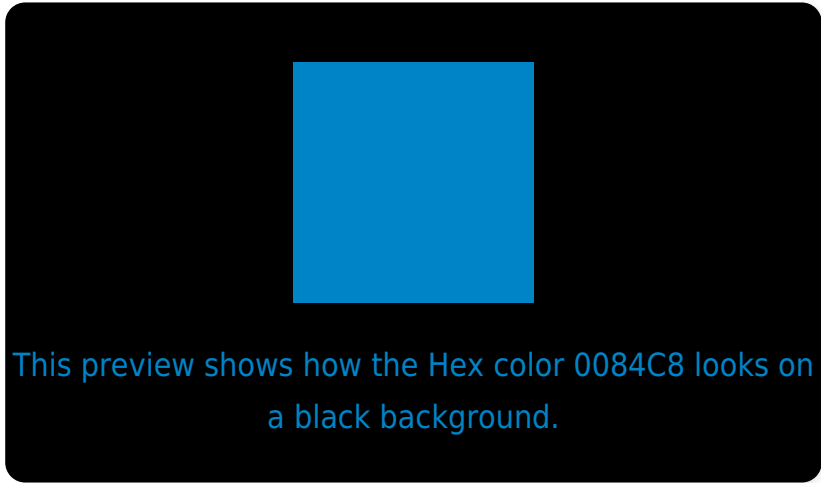
Large Text (above 18pt) WCAG AA ✓ Pass

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

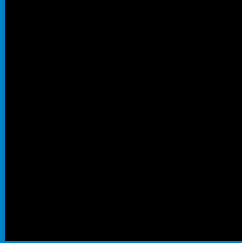
Any Text WCAG AA ✓ Pass

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 0084C8 Background



This preview shows how black text looks on a background with the Hex color 0084C8.



This preview shows how white text looks on a background with the Hex color 0084C8.

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](#).

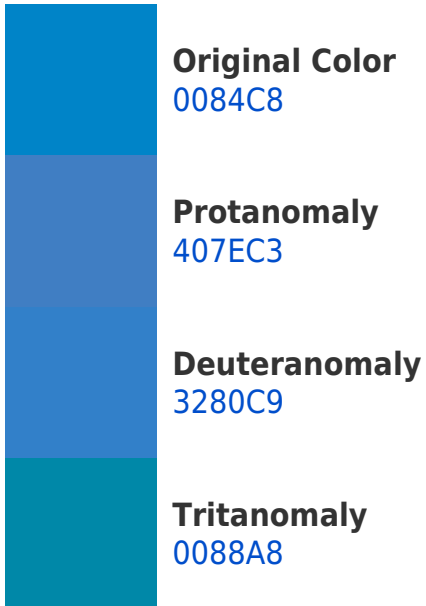
Dichromacy





Tritanopia
008B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0084C8 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 #0084C8 looks like.

```
.text, #text, p{  
    color:#0084C8  
}
```

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 #0084C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0084C8
}
```

Border

The CSS property to change the border of an element to Hex 0084C8 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
#0084C8 }
```

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

```
.border{ border-color:#0084C8 }
```

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

Here you see how a box with a 4 pixel #0084C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0084C8; -webkit-box-shadow:4px 4px  
4px 4px #0084C8; box-shadow:4px 4px 4px  
4px #0084C8 }
```

Background

The CSS property to change the background color of an element to Hex 0084C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0084C8 }
```

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

```
.background{ background-color:#0084C8 }
```

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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