

Converting Colors

Hex(0082CF)

Have a look what the booklet for
Hex(0082CF) contains.

| | |
|--|----|
| Hex(0082CF) | 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(0082CF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0082CF |
| RGB | 0, 130, 207 |
| RGB Percent | 0%, 51%, 81% |
| CMY | 1.0000, 0.4902, 0.1882 |
| CMYK | 1.00, 0.37, 0.00, 0.19 |
| HSL | 202°, 100%, 41% |
| HSV | 202°, 100%, 81% |
| XYZ | 19.2451, 20.4703, 61.9683 |
| YIQ | 99.9080, -102.1970, -3.6130 |

Conversions

Conversions Part 2

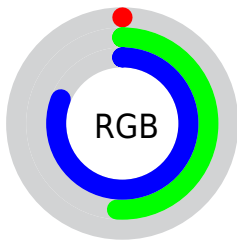
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 0, 80, 207 |
| Decimal | 33487 |
| CIE Lab | 52.36, -1.07, -47.87 |
| CIE LCh | 52, 47.884, 268.719 |
| Yxy | 20.4703, 0.1893, 0.2013 |
| Android (android.graphics.Color) | 4278223567 (0xFF0082CF) |
| YUV | 99.9080, 52.7964, -87.6193 |
| Hunter-Lab | 45.2441, -3.2500, -49.5354 |

Details

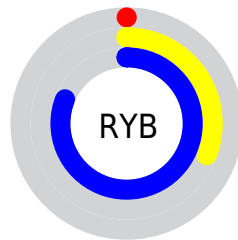
The Hex color **0082CF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CF4D00**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **63B7FF**, and **005198** is the 20% darker color. If you saturate the color by 10%, you get **0082CF**, and if you desaturate by 10%, it is **158ACF**.

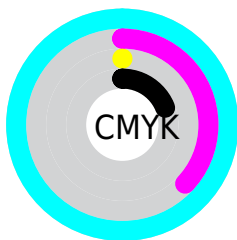
Distribution



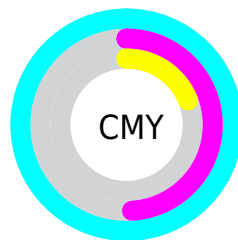
- Red (0%)
- Green (51%)
- Blue (81%)



- Red (0%)
- Yellow (31%)
- Blue (81%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0082CF 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 0082CF by changing the saturation by 10% instead.

 0082CF

 0082CF

FFFFFF

 0069B3

 63B7FF

 005198

 83D2FF

 003B7E

 A2EEFF

 002664

 C1FFFF

 00114C

 E0FFFF

 000434

 00021E

 000001

 000000

 0082CF

 158ACF


 2991CF

 3E99CF

 53A1CF

 68A9CF

 7CB0CF

 91B8CF

 A6C0CF

 BAC7CF

Harmonies

Analogous

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



008CC2



0082CF



7B73C5

Triad

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



0082CF



C65C58



338D50

Complementary

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



0082CF



CF4D00

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.



6C8630



0082CF



B46B37

Square

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



0082CF



C65880



957A25



00917A

Rectangle

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



0082CF



A067B4



957A25



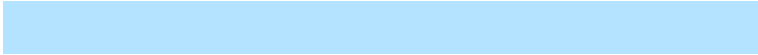
4A8B44

Sweetspot

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



0082CF



B3E3FF



00CF4C



526E80



000000



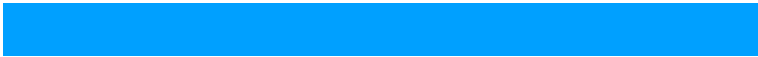
808080

Same Dimension

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



0082CF



00A0FF



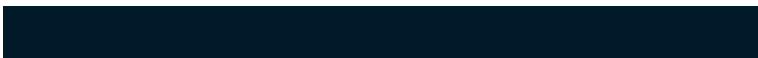
001CCF



5E6569



006AA8



001A29

Inverse Universe

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



CF0082



FF00A0



CFB300



695E65



A8006A



29001A

Previews

White Background



This preview shows how the Hex color 0082CF looks on a white background.

Color Contrast Check

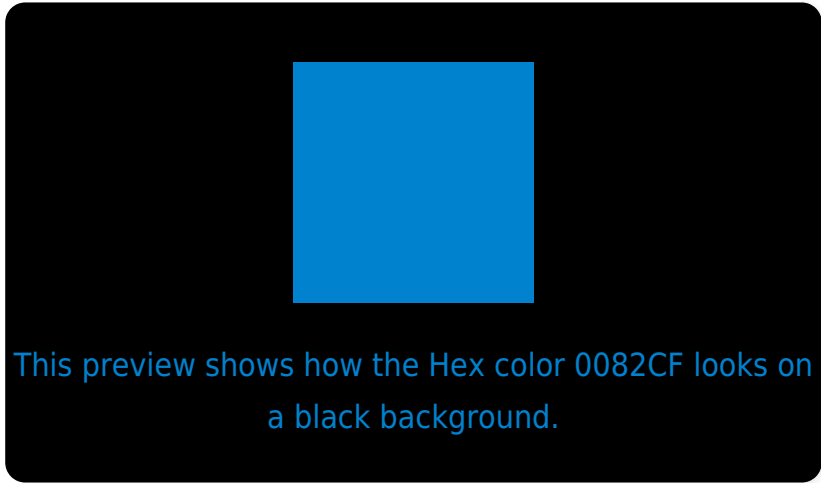
Large Text (above 18pt) WCAG AA ✓ Pass

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 0082CF Background



This preview shows how black text looks on a background with the Hex color 0082CF.

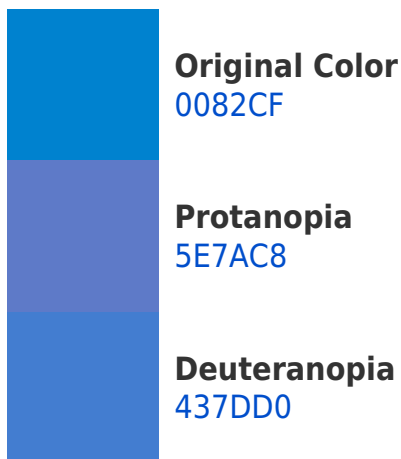


This preview shows how white text looks on a background with the Hex color 0082CF.

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](#).

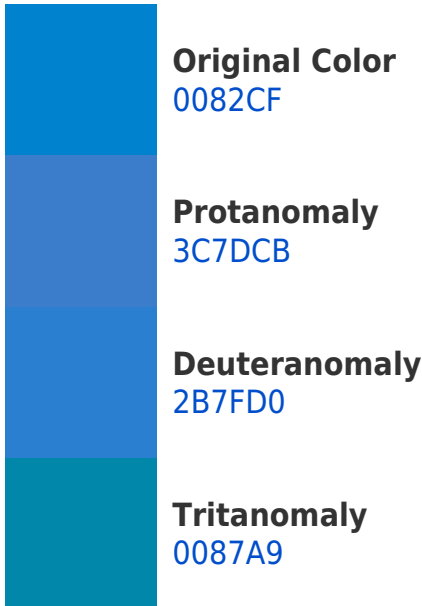
Dichromacy





Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0082CF 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 #0082CF looks like.

```
.text, #text, p{  
    color:#0082CF  
}
```

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 #0082CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0082CF
}
```

Border

The CSS property to change the border of an element to Hex 0082CF 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
#0082CF }
```

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

```
.border{ border-color:#0082CF }
```

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

Here you see how a box with a 4 pixel #0082CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0082CF; -webkit-box-shadow:4px 4px  
4px 4px #0082CF; box-shadow:4px 4px 4px  
4px #0082CF }
```

Background

The CSS property to change the background color of an element to Hex 0082CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0082CF }
```

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

```
.background{ background-color:#0082CF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor