

Converting Colors

Hex(0082CE)

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

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Color

Hex(0082CE)

Conversions

Conversions Part 1

Format	Color
Hex	0082CE
RGB	0, 130, 206
RGB Percent	0%, 51%, 81%
CMY	1.0000, 0.4902, 0.1922
CMYK	1.00, 0.37, 0.00, 0.19
HSL	202°, 100%, 40%
HSV	202°, 100%, 81%
XYZ	19.1232, 20.4215, 61.3264
YIQ	99.7940, -101.8760, -3.9240

Conversions

Conversions Part 2

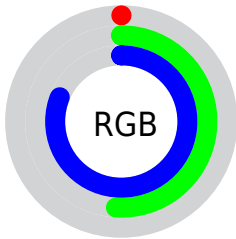
Format	Color
R _{YB}	0, 80, 206
Decimal	33486
CIE _{Lab}	52.31, -1.46, -47.39
CIE _{LCh}	52, 47.414, 268.239
Yxy	20.4215, 0.1896, 0.2025
Android (android.graphics.Color)	4278223566 (0xFF0082CE)
YUV	99.7940, 52.3596, -87.5193
Hunter-Lab	45.1901, -3.5465, -48.8278

Details

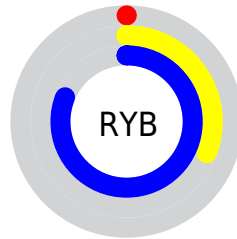
The Hex color **0082CE** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CE4C00**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **63B7FF**, and **005197** is the 20% darker color. If you saturate the color by 10%, you get **0082CE**, and if you desaturate by 10%, it is **158ACE**.

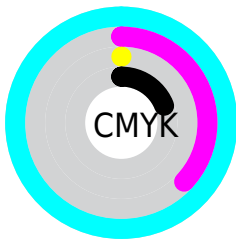
Distribution



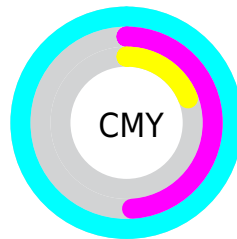
- Red (0%)
- Green (51%)
- Blue (81%)



- 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 0082CE 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 0082CE by changing the saturation by 10% instead.

 0082CE

 0082CE

FFFFFF

 0069B2

 63B7FF

 005197

 83D2FF

 003B7D

 A2EEFF

 002663

 C1FFFF

 00114B

 DFFFFFF

 000434

FEFFFF

 00021E

 000000

 0082CE

 158ACE

 2991CE

 3E99CE

 52A0CE

 67A8CE

 7CB0CE

 90B7CE

 A5BFCE

 B9C6CE

Harmonies

Analogous

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



008CC1



0082CE



7A73C5

Triad

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



0082CE



C65C59



358D50

Complementary

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



0082CE



CE4C00

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.



6D8630



0082CE



B46B38

Square

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



0082CE



C55881



957A26



009079

Rectangle

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



0082CE



9E68B3



957A26



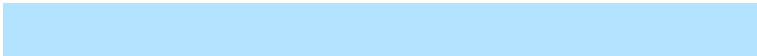
4B8B44

Sweetspot

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



0082CE



B3E3FF



00CE4C



526F80



000000



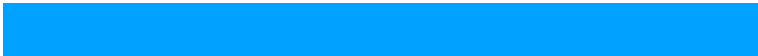
808080

Same Dimension

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



0082CE



00A1FF



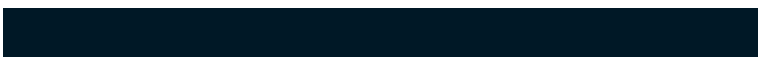
001BCE



5C6266



0069A6



001826

Inverse Universe

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



CE0082



FF00A1



CEB300



665C62



A60069



260018

Previews

White Background



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

Color Contrast Check

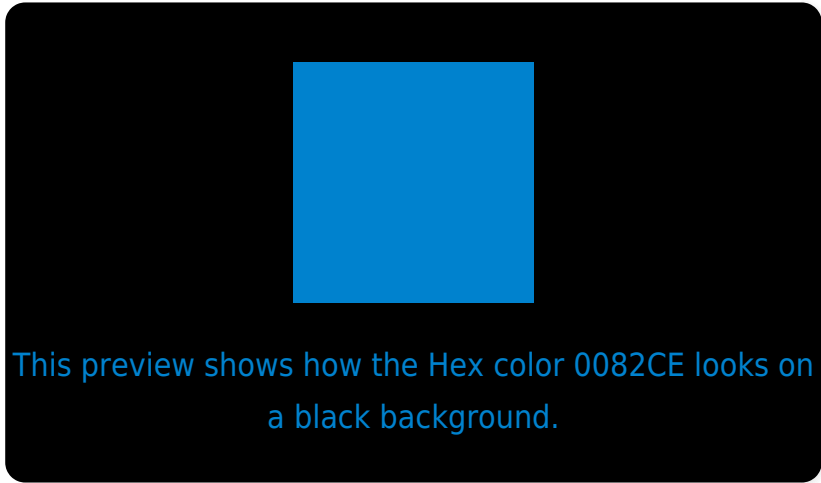
Large Text (above 18pt) WCAG AA ✓ Pass

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

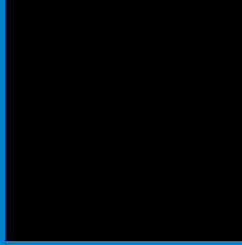
Any Text WCAG AA ✓ Pass

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 0082CE Background



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



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

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](#).

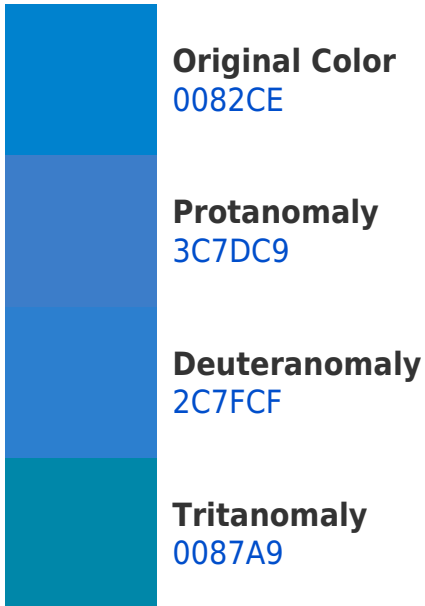
Dichromacy





Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0082CE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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