

Converting Colors

Hex(0081C1)

Have a look what the booklet for
Hex(0081C1) contains.

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Color

Hex(0081C1)

Conversions

Conversions Part 1

Format	Color
Hex	0081C1
RGB	0, 129, 193
RGB Percent	0%, 51%, 76%
CMY	1.0000, 0.4941, 0.2431
CMYK	1.00, 0.33, 0.00, 0.24
HSL	200°, 100%, 38%
HSV	200°, 100%, 76%
XYZ	17.4759, 19.5508, 53.3047
YIQ	97.7250, -97.4280, -7.4440

Conversions

Conversions Part 2

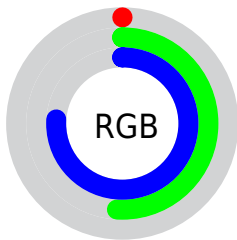
Format	Color
RYB	0, 77, 193
Decimal	33217
CIELab	51.33, -5.88, -41.55
CIELCh	51, 41.963, 261.947
Yxy	19.5508, 0.1935, 0.2164
Android (android.graphics.Color)	4278223297 (0xFF0081C1)
YUV	97.7250, 46.9706, -85.7048
Hunter-Lab	44.2163, -6.8286, -40.5254

Details

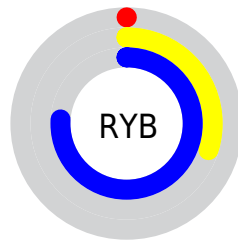
The Hex color **0081C1** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **C14000**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **60B6FA**, and **00508B** is the 20% darker color. If you saturate the color by 10%, you get **0081C1**, and if you desaturate by 10%, it is **1387C1**.

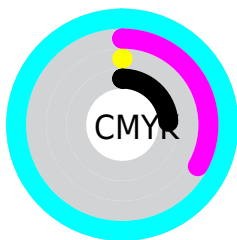
Distribution



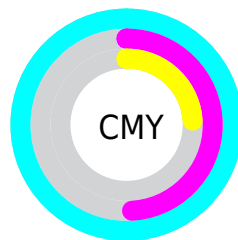
- Red (0%)
- Green (51%)
- Blue (76%)



- Red (0%)
- Yellow (30%)
- Blue (76%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (49%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0081C1 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 0081C1 by changing the saturation by 10% instead.

 0081C1

 0081C1

FFFFFF

 0068A6

 60B6FA

 00508B

 7FD1FF

 003A71

 9EEDFF

 002558

 BCFFFF

 000F41

 DAFFFF

 00032A

 F9FFFF

 000114

 000000

 0081C1

■ 1387C1

■ 278EC1

■ 3A94C1

■ 4D9BC1

■ 61A1C1

■ 74A7C1

■ 87AEC1

■ 9AB4C1

■ AEBBC1

Harmonies

Analogous

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



0089B2



0081C1



6D75BD

Triad

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



0081C1



BD5D61



4A884C

Complementary

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



0081C1



C14000

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.



758034



0081C1



B16843

Square

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



0081C1



B75C86



977531



008C6F

Rectangle

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



0081C1



906BB0



977531



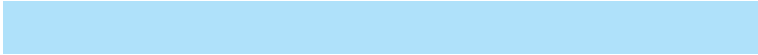
5A8643

Sweetspot

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



0081C1



AFE1FA



00C13D



506E7D



FCFCFC



7D7D7D

Same Dimension

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



0081C1



00A7FA



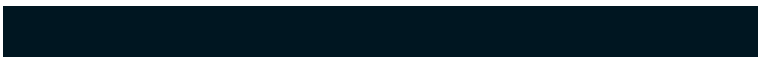
0023C1



575E61



006BA1



001621

Inverse Universe

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



C10081



FA00A7



C19E00



61575E



A1006B



210016

Previews

White Background



This preview shows how the Hex color 0081C1 looks on a white background.

Color Contrast Check

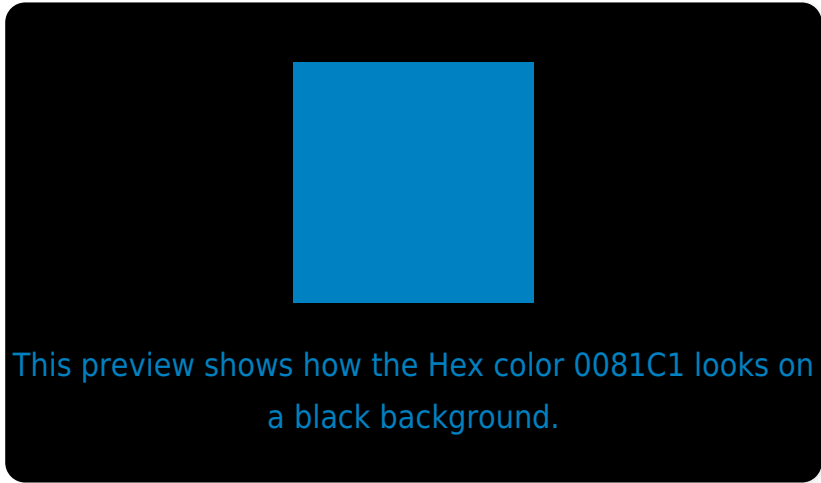
Large Text (above 18pt) WCAG AA ✓ Pass

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 0081C1 Background



This preview shows how black text looks on a background with the Hex color 0081C1.

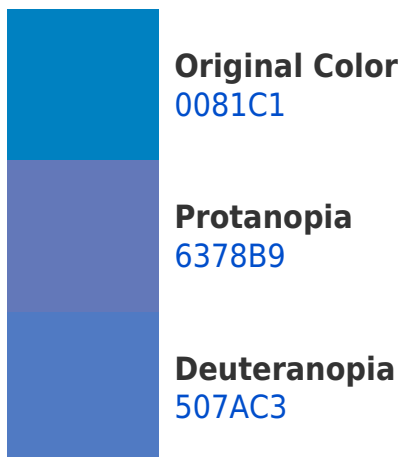


This preview shows how white text looks on a background with the Hex color 0081C1.

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](#).

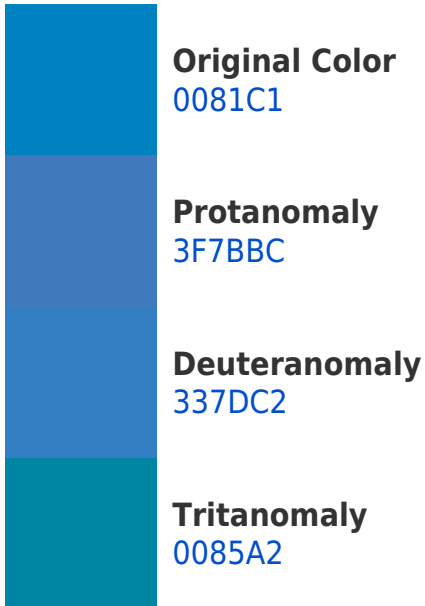
Dichromacy





Tritanopia
008791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0081C1 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 #0081C1 looks like.

```
.text, #text, p{  
    color:#0081C1  
}
```

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 #0081C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0081C1
}
```

Border

The CSS property to change the border of an element to Hex 0081C1 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
#0081C1 }
```

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

```
.border{ border-color:#0081C1 }
```

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

Here you see how a box with a 4 pixel #0081C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0081C1; -webkit-box-shadow:4px 4px  
4px 4px #0081C1; box-shadow:4px 4px 4px  
4px #0081C1 }
```

Background

The CSS property to change the background color of an element to Hex 0081C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0081C1 }
```

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

```
.background{ background-color:#0081C1 }
```

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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