

# Converting Colors

Hex(80ABC4)

Have a look what the booklet for  
Hex(80ABC4) contains.

<b>Hex(80ABC4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(80ABC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80ABC4
RGB	128, 171, 196
RGB Percent	50%, 67%, 77%
CMY	0.4980, 0.3294, 0.2314
CMYK	0.35, 0.13, 0.00, 0.23
HSL	202°, 37%, 64%
HSV	202°, 35%, 77%
XYZ	33.4288, 37.7005, 57.7396
YIQ	160.9930, -33.6530, -1.3410

# Conversions

## Conversions Part 2

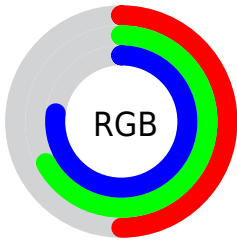
Format	Color
R <sub>Y</sub> B	128, 154, 196
Decimal	8432580
CIE Lab	67.80, -8.27, -17.40
CIE LCh	68, 19.265, 244.589
Yxy	37.7005, 0.2594, 0.2925
Android (android.graphics.Color)	4286622660 (0xFF80ABC4)
YUV	160.9930, 17.2585, -28.9349
Hunter-Lab	61.4008, -10.2695, -12.7742

# Details

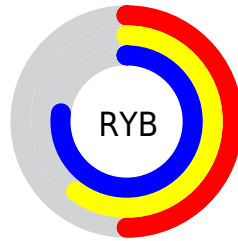
The Hex color **80ABC4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C49980**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B7E2FD**, and **4C778E** is the 20% darker color. If you saturate the color by 10%, you get **6CA4C4**, and if you desaturate by 10%, it is **94B2C4**.

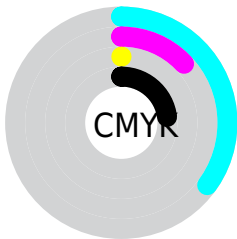
# Distribution



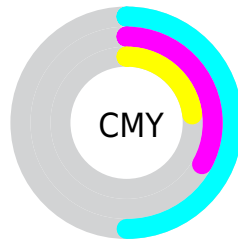
- Red (50%)
- Green (67%)
- Blue (77%)



- Red (50%)
- Yellow (60%)
- Blue (77%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)
- Black (23%)



- Cyan (50%)
- Magenta (33%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80ABC4 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 80ABC4 by changing the saturation by 10% instead.



 80ABC4

 80ABC4

FFFFFF

 6690A9

 B7E2FD

 4C778E

 D3FFFF

 325E75

 F0FFFF

 16475C

 003044

 001C2E

 00011A

 000000

 80ABC4

 80ABC4

6CA4C4

94B2C4

599DC4

A7B9C4

4595C4

BBC1C4

328EC4

CEC8C4

1E87C4

E2CFC4

0A80C4

F6D6C4

007CC4

FFDDC4

FFE5C4

FFECC4

# Harmonies

## Analogous

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



76AEB8



80ABC4



95A6C7

# Triad

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



80ABC4



C899A3



9DAA88

# Complementary

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



80ABC4



C49980

# 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.



B0A583



80ABC4



C89B92

# Square

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



80ABC4



BE9BB4



BF9F86



89AE96

# Rectangle

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



80ABC4



A4A2C5



BF9F86



A3A985



# Sweetspot

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



80ABC4



E6F6FF



80C499



707A80



000000



808080

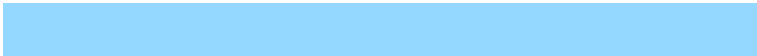


# Same Dimension

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



80ABC4



94D8FF



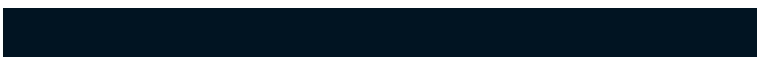
8089C4



575D61



0066A1



001521



# Inverse Universe

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



C480AB



FF94D8



C4BB80



61575D



A10066



210015



# Previews

## White Background



This preview shows how the Hex color 80ABC4 looks on a white background.

## Color Contrast Check

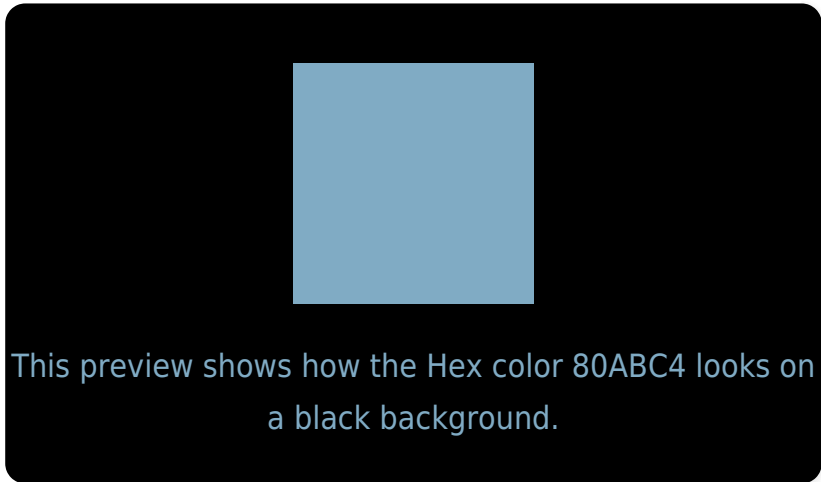
Large Text (above 18pt) WCAG AA × Fail

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

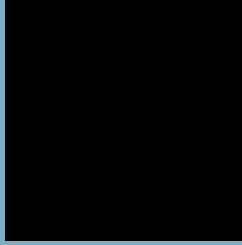
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80ABC4 Background



This preview shows how black text looks on a background with the Hex color 80ABC4.

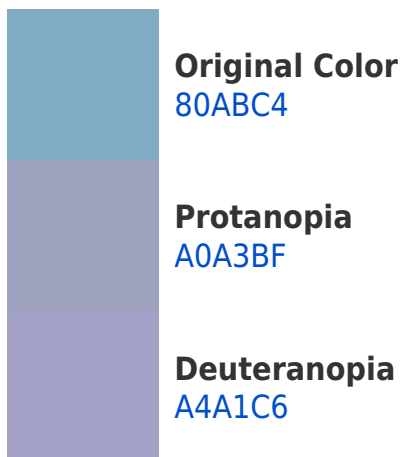


This preview shows how white text looks on a background with the Hex color 80ABC4.

# Color Blindness Simulation

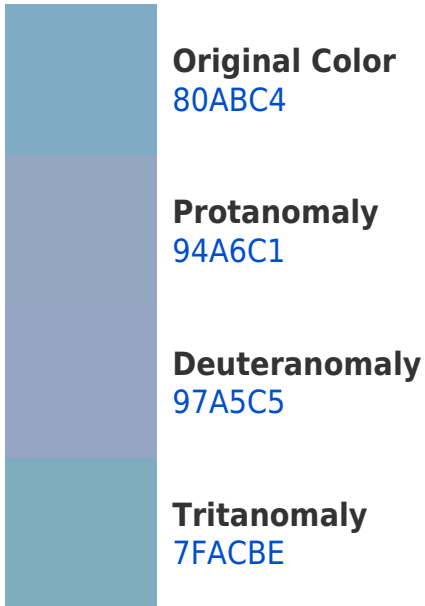
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

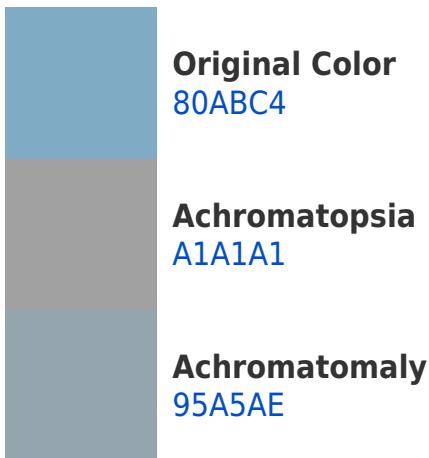




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80ABC4 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 #80ABC4 looks like.

```
.text, #text, p{  
    color:#80ABC4  
}
```

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 #80ABC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80ABC4
}
```

## Border

The CSS property to change the border of an element to Hex 80ABC4 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
#80ABC4 }
```

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

```
.border{ border-color:#80ABC4 }
```

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

Here you see how a box with a 4 pixel #80ABC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80ABC4; -webkit-box-shadow:4px 4px  
4px 4px #80ABC4; box-shadow:4px 4px 4px  
4px #80ABC4 }
```

# Background

The CSS property to change the background color of an element to Hex 80ABC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80ABC4 }
```

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

```
.background{ background-color:#80ABC4 }
```

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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