

Converting Colors

Hex(78ABC7)

Have a look what the booklet for
Hex(78ABC7) contains.

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Color

Hex(78ABC7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 78ABC7 |
| RGB | 120, 171, 199 |
| RGB Percent | 47%, 67%, 78% |
| CMY | 0.5294, 0.3294, 0.2196 |
| CMYK | 0.40, 0.14, 0.00, 0.22 |
| HSL | 201°, 41%, 63% |
| HSV | 201°, 40%, 78% |
| XYZ | 32.6174, 37.2424, 59.5022 |
| YIQ | 158.9430, -39.3840, -2.1040 |

Conversions

Conversions Part 2

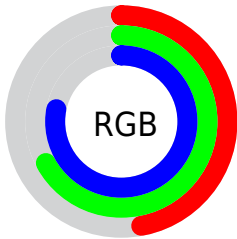
| Format | Color |
|-------------------------------------|--|
| RYB | 120, 151, 199 |
| Decimal | 7908295 |
| CIELab | 67.46, -9.68, -19.62 |
| CIELCh | 67, 21.876, 243.747 |
| Yxy | 37.2424, 0.2521, 0.2879 |
| Android (android.graphics.Color) | 4286098375 (0xFF78ABC7) |
| YUV | 158.9430, 19.7481, -34.1530 |
| Hunter-Lab | 61.0266, -11.3919, -15.0904 |

Details

The Hex color **78ABC7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C79478**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **AFE2FF**, and **427791** is the 20% darker color. If you saturate the color by 10%, you get **64A4C7**, and if you desaturate by 10%, it is **8CB2C7**.

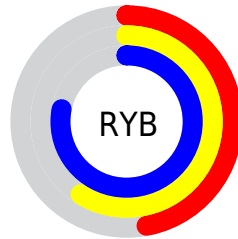
Distribution



Red (47%)

Green (67%)

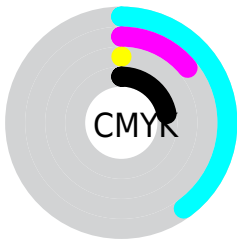
Blue (78%)



Red (47%)

Yellow (59%)

Blue (78%)

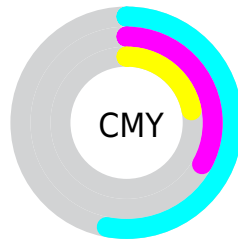


Cyan (40%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (53%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78ABC7 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 78ABC7 by changing the saturation by 10% instead.

 78ABC7

 78ABC7

FFFFFF

 5D90AC

 AFE2FF

 427791

 CBFFFF

 265E77

 E8FFFF

 00465F

 003047

 001C30

 00011C

 000000

 78ABC7

 78ABC7

64A4C7

8CB2C7

509DC7

A0B9C7

3C96C7

B4C0C7

288FC7

C8C7C7

1588C7

DCCEC7

0181C7

EFD5C7

0080C7

FFDCC7

FFE3C7

FFEAC7

Harmonies

Analogous

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



6CAF^B9



78ABC⁷



90A⁵CB

Triad

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



78ABC7



CB96A2



9BAA83

Complementary

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



78ABC7



C79478

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.



B1A47D



78ABC7



CC988F

Square

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



78ABC7



C099B6



C29D82



85AE92

Rectangle

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



78ABC7



A2A1C8



C29D82



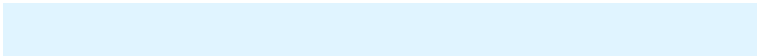
A2A880

Sweetspot

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



78ABC7



E0F4FF



78C794



6E7980



000000



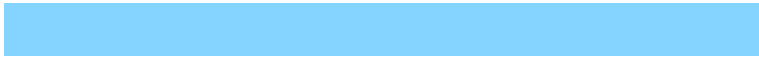
808080

Same Dimension

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



78ABC7



85D4FF



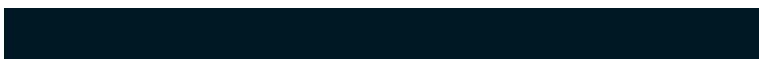
7884C7



5A6063



0069A3



001724

Inverse Universe

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



C778AB



FF85D4



C7BB78



635A60



A30069



240017

Previews

White Background



This preview shows how the Hex color 78ABC7 looks on a white background.

Color Contrast Check

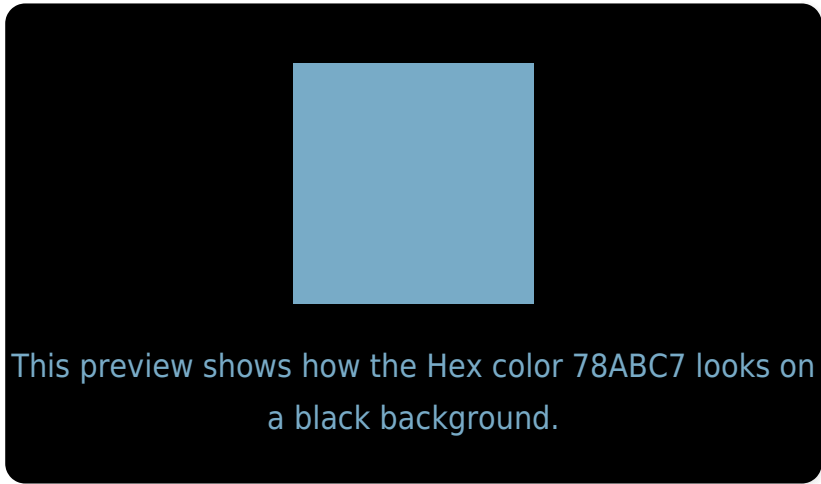
Large Text (above 18pt) WCAG AA × Fail

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

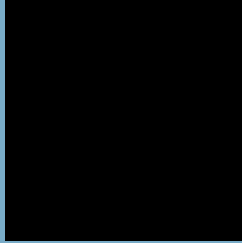
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

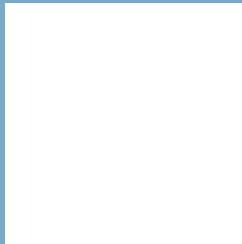
Any Text WCAG AAA ✓ Pass

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

Hex 78ABC7 Background



This preview shows how black text looks on a background with the Hex color 78ABC7.

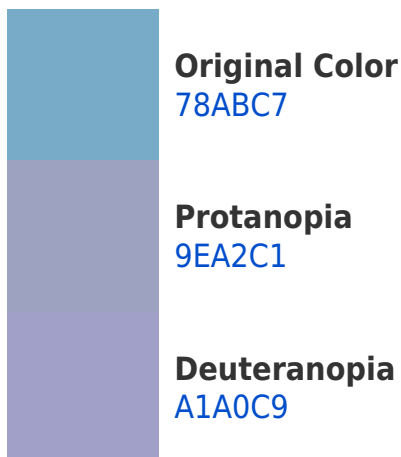


This preview shows how white text looks on a background with the Hex color 78ABC7.

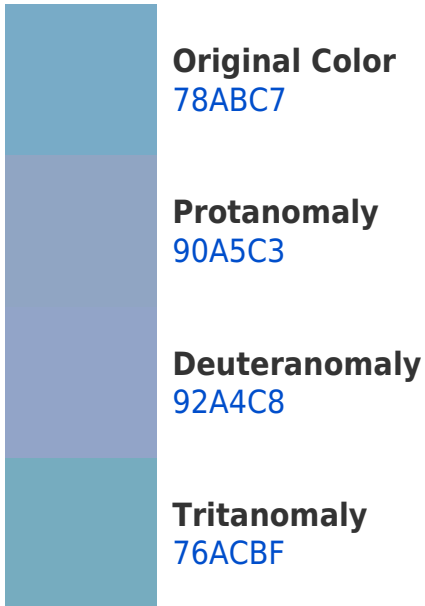
Color Blindness Simulation

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](#).

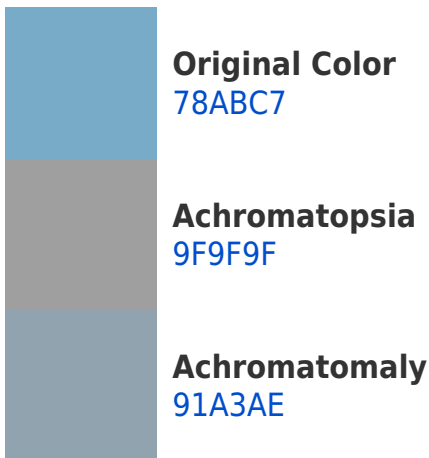
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78ABC7 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 #78ABC7 looks like.

```
.text, #text, p{  
    color:#78ABC7  
}
```

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 #78ABC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78ABC7  
}
```

Border

The CSS property to change the border of an element to Hex 78ABC7 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  
#78ABC7 }
```

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

```
.border{ border-color:#78ABC7 }
```

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

Here you see how a box with a 4 pixel #78ABC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78ABC7; -webkit-box-shadow:4px 4px  
4px 4px #78ABC7; box-shadow:4px 4px 4px  
4px #78ABC7 }
```

Background

The CSS property to change the background color of an element to Hex 78ABC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78ABC7 }
```

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

```
.background{ background-color:#78ABC7 }
```

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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