

Converting Colors

Hex(7BAEAE)

Have a look what the booklet for
Hex(7BAEAE) contains.

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Color

Hex(7BAEAE)

Conversions

Conversions Part 1

Format	Color
Hex	7BAEAE
RGB	123, 174, 174
RGB Percent	48%, 68%, 68%
CMY	0.5176, 0.3176, 0.3176
CMYK	0.29, 0.00, 0.00, 0.32
HSL	180°, 24%, 58%
HSV	180°, 29%, 68%
XYZ	30.9444, 37.5391, 45.6592
YIQ	158.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

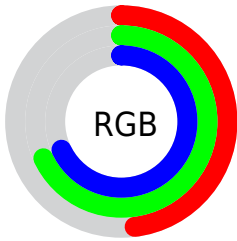
Format	Color
R _Y B	123, 149, 174
Decimal	8105646
CIE _{Lab}	67.68, -16.72, -5.42
CIE _{LCh}	68, 17.577, 197.974
Y _{xy}	37.5391, 0.2711, 0.3289
Android (android.graphics.Color)	4286295726 (0xFF7BAEAE)
Y _{UV}	158.7510, 7.5178, -31.3536
Hunter-Lab	61.2691, -17.0682, -1.2959

Details

The Hex color **7BAEAE** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AE7B7B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B1E6E5**, and **47797A** is the 20% darker color. If you saturate the color by 10%, you get **6AAEAE**, and if you desaturate by 10%, it is **8CAEAE**.

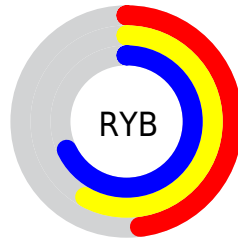
Distribution



Red (48%)

Green (68%)

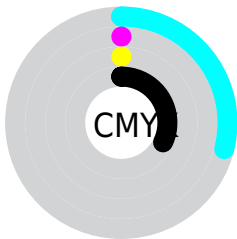
Blue (68%)



Red (48%)

Yellow (58%)

Blue (68%)

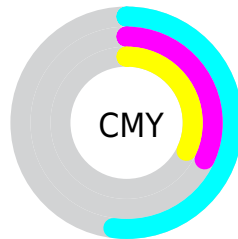


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7BAEAE 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 7BAEAE by changing the saturation by 10% instead.

 7BAEAE

 7BAEAE

FFFFFF

 619393

 B1E6E5

 47797A

 CDFFFF

 2E6161

 EAFFFF

 134949

 003233

 001D1E

 000003

 000000

 7BAEAE

 7BAEAE

6AAEAE

8CAEAE

58AEAE

9EAEAE

47AEAE

AFAEAE

35AEAE

C1AEAE

24AEAE

D2AEAE

13AEAE

E3AEAE

01AEAE

F5AEAE

00AEAE

FFAEAE

Harmonies

Analogous

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



85AE9E



7BAEAE



7DACBC

Triad

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



7BAEAE



B39EBA



B7A286

Complementary

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



7BAEAE



AE7B7B

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.



C39D8E



7BAEAE



C19AAC

Square

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



7BAEAE



9FA3C3



C69A9C



A7A787

Rectangle

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



7BAEAE



85AAC2



C69A9C



BCA088

Sweetspot

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



7BAEAE



CFE3E3



7BAE7B



667373



F2F2F2



737373

Same Dimension

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



7BAEAE



94E3E3



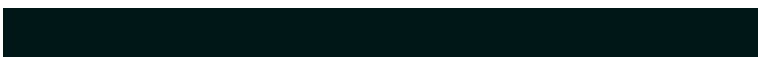
7B95AE



4E5757



009696



001717

Inverse Universe

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



AE7BAE



E394E3



AE957B



574E57



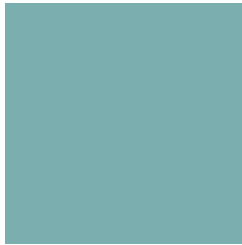
960096



170017

Previews

White Background



This preview shows how the Hex color 7BAEAE looks on a white background.

Color Contrast Check

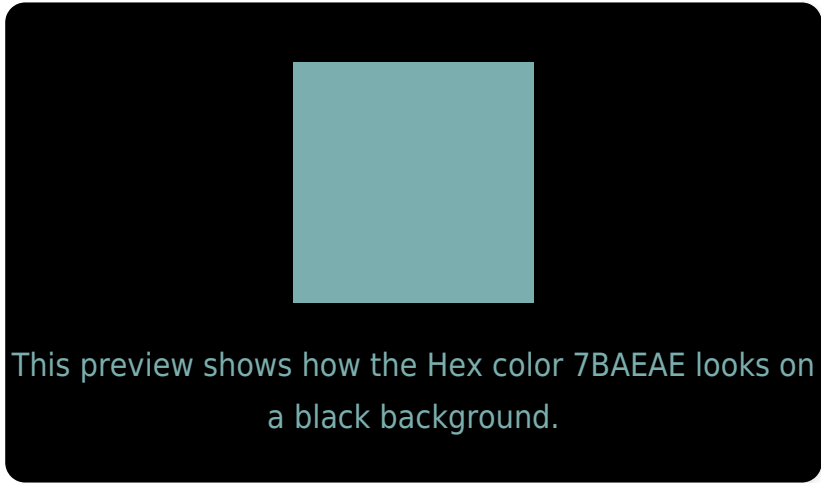
Large Text (above 18pt) WCAG AA × Fail

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

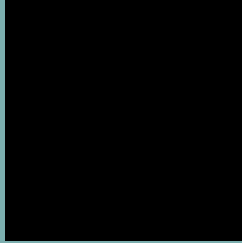
Any Text WCAG AA ✓ Pass

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 7BAEAE Background



This preview shows how black text looks on a background with the Hex color 7BAEAE.



This preview shows how white text looks on a background with the Hex color 7BAEAE.

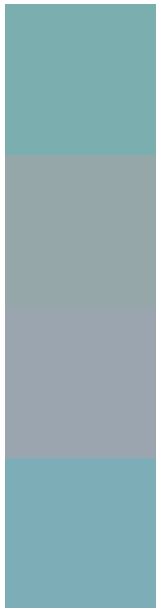
Color Blindness Simulation

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



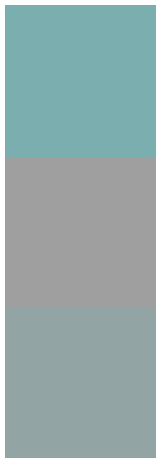
Original Color
7BAEAE

Protanomaly
96A7AA

Deuteranomaly
9BA5B0

Tritanomaly
7DADB6

Monochromacy



Original Color
7BAEAE

Achromatopsia
9F9F9F

Achromatomaly
92A4A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BAEAE 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 #7BAEAE looks like.

```
.text, #text, p{  
    color:#7BAEAE  
}
```

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 #7BAEAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BAEAE
}
```

Border

The CSS property to change the border of an element to Hex 7BAEAE 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
#7BAEAE }
```

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

```
.border{ border-color:#7BAEAE }
```

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

Here you see how a box with a 4 pixel #7BAEAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BAEAE; -webkit-box-shadow:4px 4px  
4px 4px #7BAEAE; box-shadow:4px 4px 4px  
4px #7BAEAE }
```

Background

The CSS property to change the background color of an element to Hex 7BAEAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BAEAE }
```

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

```
.background{ background-color:#7BAEAE }
```

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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