

Converting Colors

Hex(86ABAB)

Have a look what the booklet for
Hex(86ABAB) contains.

Hex(86ABAB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86ABAB)

Conversions

Conversions Part 1	
Format	Color
Hex	86ABAB
RGB	134, 171, 171
RGB Percent	53%, 67%, 67%
CMY	0.4745, 0.3294, 0.3294
CMYK	0.22, 0.00, 0.00, 0.33
HSL	180°, 18%, 60%
HSV	180°, 22%, 67%
XYZ	31.7451, 37.1344, 44.0226
YIQ	159.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

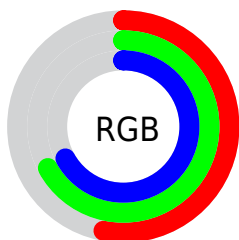
Format	Color
RYB	134, 153, 171
Decimal	8825771
CIELab	67.38, -12.48, -4.13
CIELCh	67, 13.144, 198.331
Yxy	37.1344, 0.2812, 0.3289
Android (android.graphics.Color)	4287015851 (0xFF86ABAB)
YUV	159.9370, 5.4541, -22.7467
Hunter-Lab	60.9380, -13.6536, -0.1754

Details

The Hex color **86ABAB** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AB8686**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BCE2E2**, and **537777** is the 20% darker color. If you saturate the color by 10%, you get **75ABAB**, and if you desaturate by 10%, it is **97ABAB**.

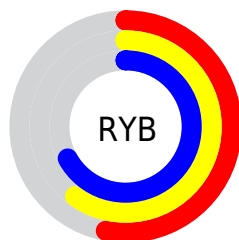
Distribution



Red (53%)

Green (67%)

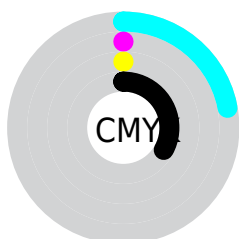
Blue (67%)



Red (53%)

Yellow (60%)

Blue (67%)

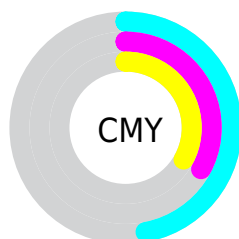


Cyan (22%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86ABAB 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 86ABAB by changing the saturation by 10% instead.

 86ABAB

FFFFFF

 BCE2E2

 D8FFFF

 F5FFFF

 86ABAB

 6C9091

 537777

 3B5E5E

 234647

 0B3030

 001B1B

 000000

 86ABAB

 75ABAB

 86ABAB

 97ABAB

 64ABAB

 A8ABAB

 53ABAB

 B9ABAB

 42ABAB

 CAABAB

 31ABAB

 DBABAB

 1FABAB

 EDABAB

 0EABAB

 FEABAB

 00ABAB

 FFABAB

Harmonies

Analogous

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



8CAB9F



86ABAB



88AAB5

Triad

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



86ABAB



AF9FB4



B2A28D

Complementary

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



86ABAB



AB8686

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.



BB9E93



86ABAB



B99CA9

Square

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



86ABAB



A1A3BA



BD9C9D



A6A68E

Rectangle

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



86ABAB



8EA8BA



BD9C9D



B6A08E

Sweetspot

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



86ABAB



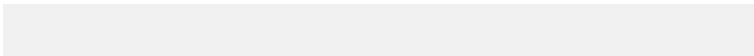
D1DEDE



86AB86



687070



F0F0F0



707070

Same Dimension

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



86ABAB



A4DEDE



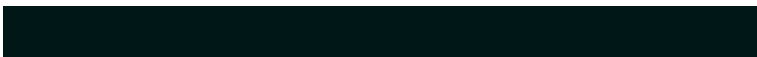
8698AB



4E5757



009696



001717

Inverse Universe

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



AB86AB



DEA4DE



AB9886



574E57



960096



170017

Previews

White Background



This preview shows how the Hex color 86ABAB looks on a white background.

Color Contrast Check

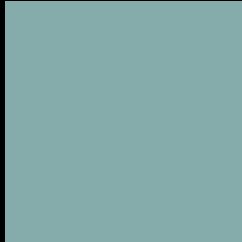
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 86ABAB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

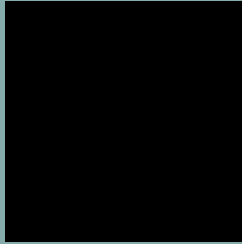
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

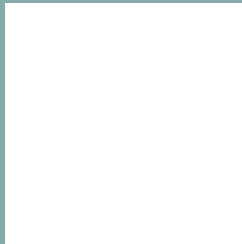
Any Text WCAG AAA ✓ Pass

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

Hex 86ABAB Background



This preview shows how black text looks on a background with the Hex color 86ABAB.

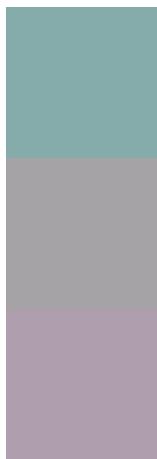


This preview shows how white text looks on a background with the Hex color 86ABAB.

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



Original Color

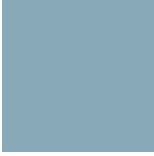
86ABAB

Protanopia

A6A3A6

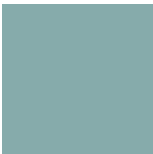
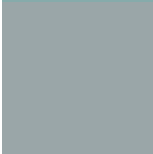
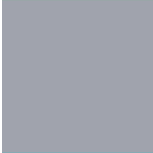

Deuteranopia

AF9FAE

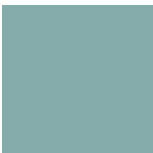
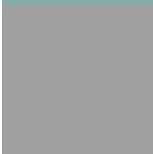
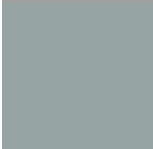


Tritanopia
88A9B7

Trichromacy

	Original Color 86ABAB
	Protanomaly 9AA6A8
	Deuteranomaly A0A3AD
	Tritanomaly 87AAB3

Monochromacy

	Original Color 86ABAB
	Achromatopsia A0A0A0
	Achromatomaly 97A4A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 86ABAB 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 #86ABAB looks like.

```
.text, #text, p{  
    color:#86ABAB  
}
```

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 #86ABAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86ABAB
}
```

Border

The CSS property to change the border of an element to Hex 86ABAB 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
#86ABAB }
```

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

```
.border{ border-color:#86ABAB }
```

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

Here you see how a box with a 4 pixel #86ABAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86ABAB; -webkit-box-shadow:4px 4px  
4px 4px #86ABAB; box-shadow:4px 4px 4px  
4px #86ABAB }
```

Background

The CSS property to change the background color of an element to Hex 86ABAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86ABAB }
```

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

```
.background{ background-color:#86ABAB }
```

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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