

Converting Colors

Hex(86A6A6)

Have a look what the booklet for
Hex(86A6A6) contains.

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Color

Hex(86A6A6)

Conversions

Conversions Part 1

Format	Color
Hex	86A6A6
RGB	134, 166, 166
RGB Percent	53%, 65%, 65%
CMY	0.4745, 0.3490, 0.3490
CMYK	0.19, 0.00, 0.00, 0.35
HSL	180°, 15%, 59%
HSV	180°, 19%, 65%
XYZ	30.3507, 35.0939, 41.2506
YIQ	156.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

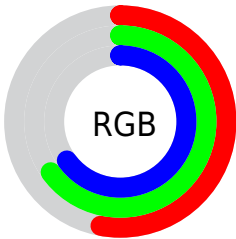
Format	Color
RYB	134, 150, 166
Decimal	8824486
CIELab	65.82, -10.93, -3.65
CIElCh	66, 11.518, 198.450
Yxy	35.0939, 0.2845, 0.3289
Android (android.graphics.Color)	4287014566 (0xFF86A6A6)
YUV	156.4320, 4.7170, -19.6729
Hunter-Lab	59.2401, -12.2188, 0.1828

Details

The Hex color **86A6A6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A68686**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BCDDDD**, and **547272** is the 20% darker color. If you saturate the color by 10%, you get **75A6A6**, and if you desaturate by 10%, it is **97A6A6**.

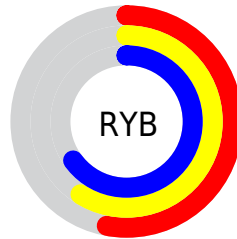
Distribution



Red (53%)

Green (65%)

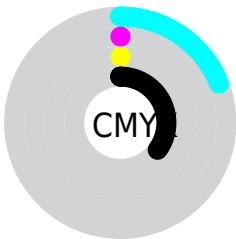
Blue (65%)



Red (53%)

Yellow (59%)

Blue (65%)

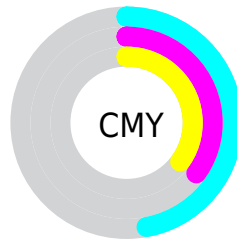


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A6A6 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 86A6A6 by changing the saturation by 10% instead.



86A6A6



86A6A6

FFFFFF



6C8C8C



BCDDDD



547272



D8FAFA



3C5A5A



F4FFFF



254242



0E2C2C



001818



000000



86A6A6



86A6A6



75A6A6



97A6A6

 65A6A6

 A7A6A6

 54A6A6

 B8A6A6

 44A6A6

 C8A6A6

 33A6A6

 D9A6A6

 22A6A6

 EAA6A6

 12A6A6

 FAA6A6

 01A6A6

 FFA6A6

 00A6A6

Harmonies

Analogous

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



8BA69B



86A6A6



88A5AF

Triad

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



86A6A6



AA9BAE



AC9E8C

Complementary

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



86A6A6



A68686

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.



B49B91



86A6A6



B399A4

Square

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



86A6A6



9D9FB3



B6999A



A1A18C

Rectangle

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



86A6A6



8DA3B3



B6999A



AF9D8D

Sweetspot

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



86A6A6



CCD9D9



86A686



666E6E



EDEDED



6E6E6E

Same Dimension

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



86A6A6



A7D9D9



8696A6



4C5454



009494



001414

Inverse Universe

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



A686A6



D9A7D9



A69686



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 86A6A6 looks on a white background.

Color Contrast Check

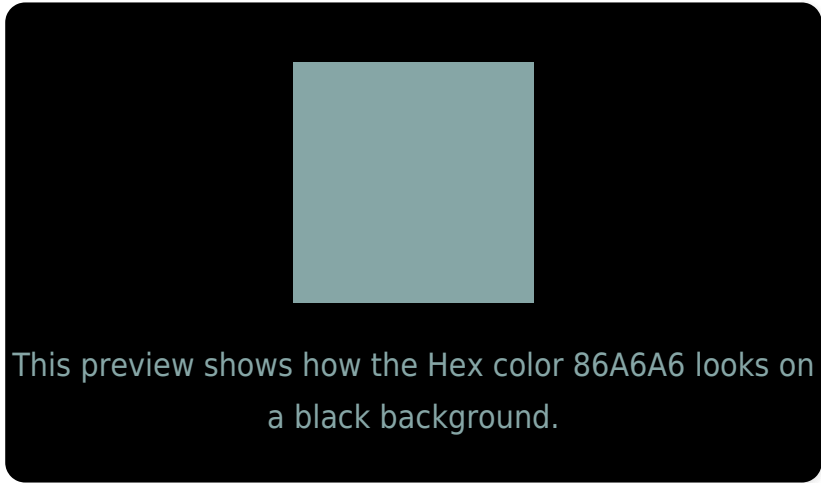
Large Text (above 18pt) WCAG AA × Fail

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

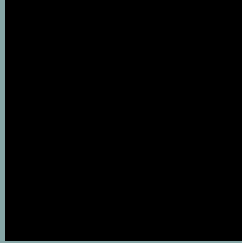
Any Text WCAG AA ✓ Pass

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 86A6A6 Background



This preview shows how black text looks on a background with the Hex color 86A6A6.

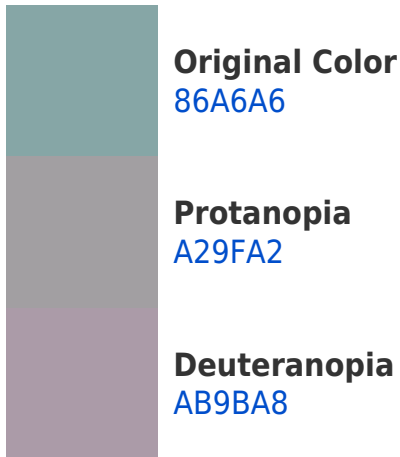


This preview shows how white text looks on a background with the Hex color 86A6A6.

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](#).

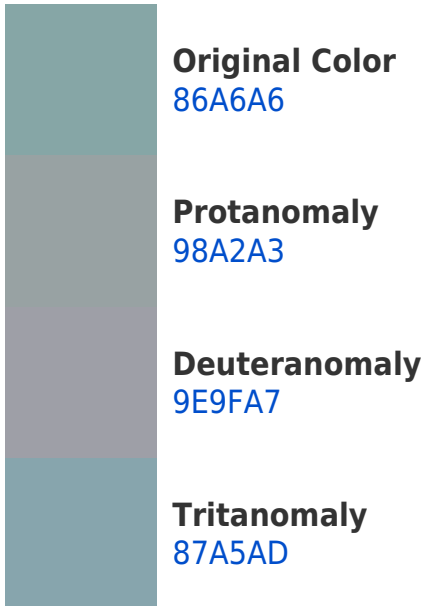
Dichromacy



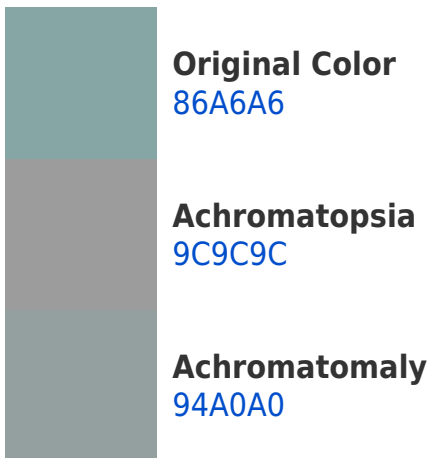


Tritanopia
88A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A6A6 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 #86A6A6 looks like.

```
.text, #text, p{  
    color:#86A6A6  
}
```

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 #86A6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A6A6
}
```

Border

The CSS property to change the border of an element to Hex 86A6A6 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
#86A6A6 }
```

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

```
.border{ border-color:#86A6A6 }
```

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

Here you see how a box with a 4 pixel #86A6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A6A6; -webkit-box-shadow:4px 4px  
4px 4px #86A6A6; box-shadow:4px 4px 4px  
4px #86A6A6 }
```

Background

The CSS property to change the background color of an element to Hex 86A6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A6A6 }
```

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

```
.background{ background-color:#86A6A6 }
```

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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