

Converting Colors

Hex(6BAE9C)

Have a look what the booklet for
Hex(6BAE9C) contains.

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Color

Hex(6BAE9C)

Conversions

Conversions Part 1

Format	Color
Hex	6BAE9C
RGB	107, 174, 156
RGB Percent	42%, 68%, 61%
CMY	0.5804, 0.3176, 0.3882
CMYK	0.39, 0.00, 0.10, 0.32
HSL	164°, 29%, 55%
HSV	164°, 39%, 68%
XYZ	27.2002, 35.7982, 36.9286
YIQ	151.9150, -34.1540, -19.8020

Conversions

Conversions Part 2

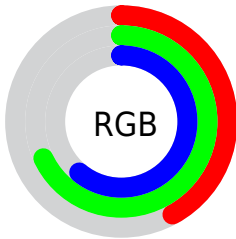
Format	Color
RYB	107, 146, 174
Decimal	7057052
CIELab	66.37, -25.53, 2.53
CIELCh	66, 25.655, 174.332
Yxy	35.7982, 0.2722, 0.3582
Android (android.graphics.Color)	4285247132 (0xFF6BAE9C)
YUV	151.9150, 2.0139, -39.3905
Hunter-Lab	59.8316, -23.5569, 5.2878

Details

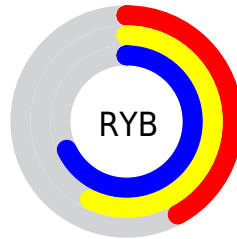
The Hex color **6BAE9C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AE6B7D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A1E6D2**, and **367969** is the 20% darker color. If you saturate the color by 10%, you get **5AAE97**, and if you desaturate by 10%, it is **7CAEA1**.

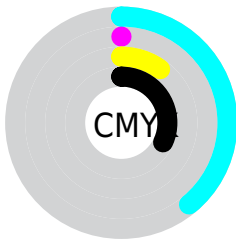
Distribution



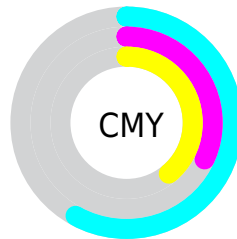
- Red (42%)
- Green (68%)
- Blue (61%)



- Red (42%)
- Yellow (57%)
- Blue (68%)



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)



- Cyan (58%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6BAE9C 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 6BAE9C by changing the saturation by 10% instead.

 6BAE9C

 6BAE9C

FFFFFF

 519382

 A1E6D2

 367969

 BDFFEF

 1A6051

 D9FFFF

 00483A

 F6FFFF

 003124

 001E0F

 000000

 6BAE9C

 6BAE9C

 5AAE97

 7CAEA1

 48AE93

 8EAEA5

 37AE8E

 9FAEAA

 25AE89

 B1AEAF

 14AE85

 C2AEB3

 03AE80

 D3AEB8

 00AE7F

 E5AEBD

 F6AEC1

 FFAEC6

Harmonies

Analogous

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



84AB86



6BAE9C



5CAEB3

Triad

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



6BAE9C



9F9DCB



C8977D

Complementary

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



6BAE9C



AE6B7D

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.



D0918F



6BAE9C



BB95BC

Square

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



6BAE9C



7EA5CF



CC91A7



B69E74

Rectangle

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



6BAE9C



5EACC1



CC91A7



CC9582

Sweetspot

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



6BAE9C



C8E3DC



7EAE6B



63736E



F2F2F2



737373

Same Dimension

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



6BAE9C



7BE3C7



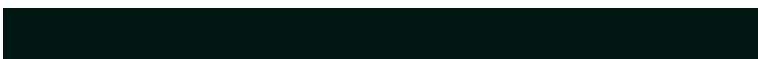
6B9FAE



4E5754



00966E



001711

Inverse Universe

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



AE6B7D



E37B97



AE7A6B



574E50



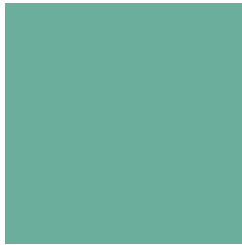
960028



170006

Previews

White Background



This preview shows how the Hex color 6BAE9C looks on a white background.

Color Contrast Check

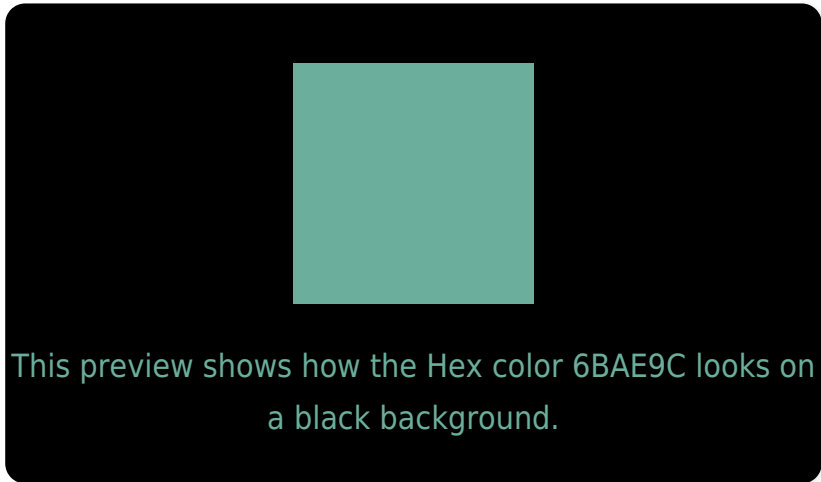
Large Text (above 18pt) WCAG AA × Fail

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

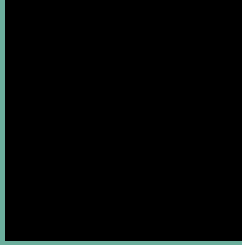
Any Text WCAG AA ✓ Pass

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 6BAE9C Background



This preview shows how black text looks on a background with the Hex color 6BAE9C.

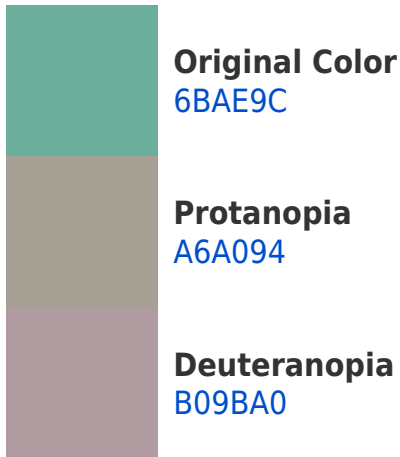


This preview shows how white text looks on a background with the Hex color 6BAE9C.

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](#).

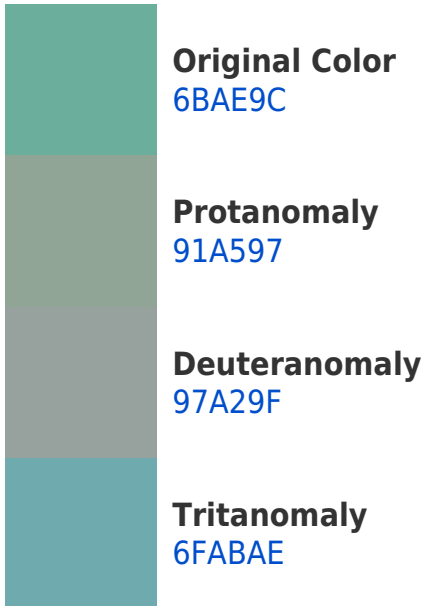
Dichromacy



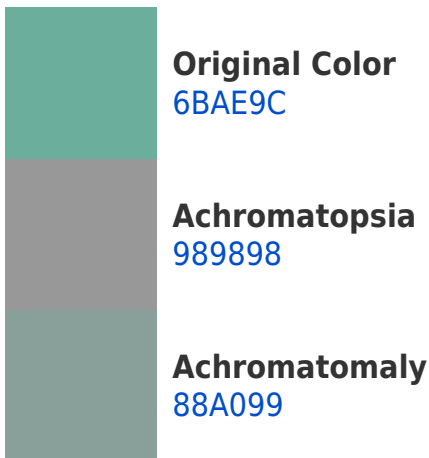


Tritanopia
72AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAE9C 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 #6BAE9C looks like.

```
.text, #text, p{  
    color:#6BAE9C  
}
```

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 #6BAE9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAE9C
}
```

Border

The CSS property to change the border of an element to Hex 6BAE9C 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
#6BAE9C }
```

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

```
.border{ border-color:#6BAE9C }
```

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

Here you see how a box with a 4 pixel #6BAE9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAE9C; -webkit-box-shadow:4px 4px  
4px 4px #6BAE9C; box-shadow:4px 4px 4px  
4px #6BAE9C }
```

Background

The CSS property to change the background color of an element to Hex 6BAE9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAE9C }
```

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

```
.background{ background-color:#6BAE9C }
```

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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