

Converting Colors

Hex(6BBBA6)

Have a look what the booklet for
Hex(6BBBA6) contains.

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Color

Hex(6BBBA6)

Conversions

Conversions Part 1

Format	Color
Hex	6BBBA6
RGB	107, 187, 166
RGB Percent	42%, 73%, 65%
CMY	0.5804, 0.2667, 0.3490
CMYK	0.43, 0.00, 0.11, 0.27
HSL	164°, 37%, 58%
HSV	164°, 43%, 73%
XYZ	30.7167, 41.4196, 42.4522
YIQ	160.6860, -40.9390, -23.4910

Conversions

Conversions Part 2

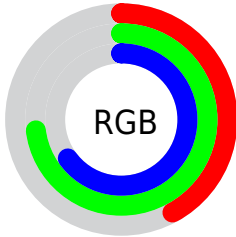
Format	Color
RYB	107, 153, 187
Decimal	7060390
CIELab	70.47, -29.59, 2.98
CIELCh	70, 29.738, 174.258
Yxy	41.4196, 0.2681, 0.3615
Android (android.graphics.Color)	4285250470 (0xFF6BBBA6)
YUV	160.6860, 2.6198, -47.0826
Hunter-Lab	64.3581, -27.4326, 5.9414

Details

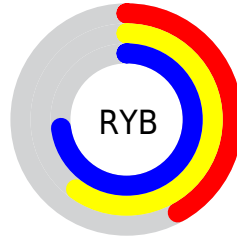
The Hex color **6BBBA6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB6B80**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A2F4DD**, and **348572** is the 20% darker color. If you saturate the color by 10%, you get **58BBA1**, and if you desaturate by 10%, it is **7EBBAB**.

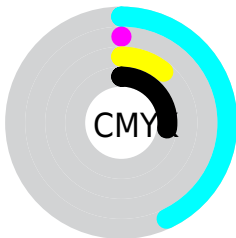
Distribution



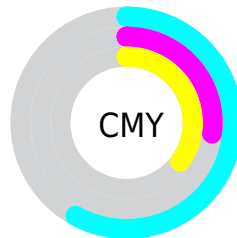
- Red (42%)
- Green (73%)
- Blue (65%)



- Red (42%)
- Yellow (60%)
- Blue (73%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (58%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BBBA6 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 6BBBA6 by changing the saturation by 10% instead.



6BBBA6



6BBBA6

FFFFFF



50A08C



A2F4DD



348572



BEFFFA



136C5A



DBFFFF



005342



F8FFFF



003B2C



002618



000300



000000



6BBBA6



6BBBA6

 58BBA1

 7EBBAB

 46BB9C

 90BBB0

 33BB97

 A3BBB5

 20BB92

 B6BBBA

 0DBB8D

 C9BBBF

 00BB8A

 DBBBC3

 EEBBC8

 FFBB CD

 FFBB D2

Harmonies

Analogous

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



89B88C



6BBBA6



57BBC2

Triad

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



6BBBA6



A9A7DD



D9A081

Complementary

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



6BBBA6



BB6B80

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.



E29997



6BBBA6



CA9ECC

Square

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



6BBBA6



82B0E2



DE99B3



C4A977

Rectangle

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



6BBBA6



59B9D1



DE99B3



DE9D88

Sweetspot

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



6BBBA6



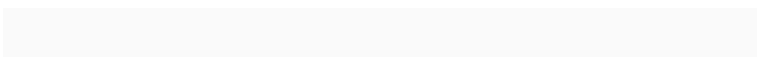
D3F2EA



80BB6B



677A75



FAFAFA



7A7A7A

Same Dimension

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



6BBBA6



77F2D2



6BA8BB



555E5C



009E75



001F17

Inverse Universe

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



BB6B80



F27797



BB7E6B



5E5557



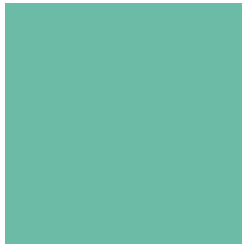
9E002A



1F0008

Previews

White Background



This preview shows how the Hex color 6BBBA6 looks on a white background.

Color Contrast Check

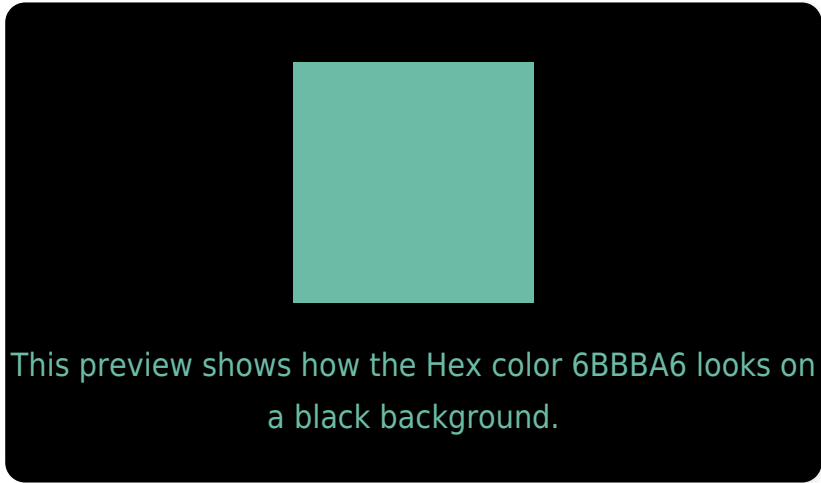
Large Text (above 18pt) WCAG AA × Fail

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

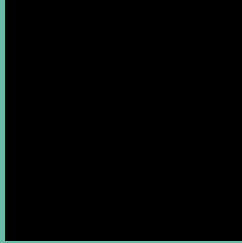
Any Text WCAG AA ✓ Pass

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 6BBBA6 Background



This preview shows how black text looks on a background with the Hex color 6BBBA6.

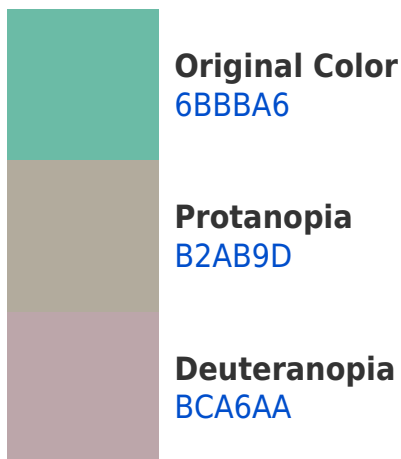


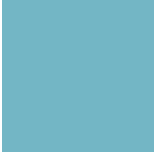
This preview shows how white text looks on a background with the Hex color 6BBBA6.

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](#).

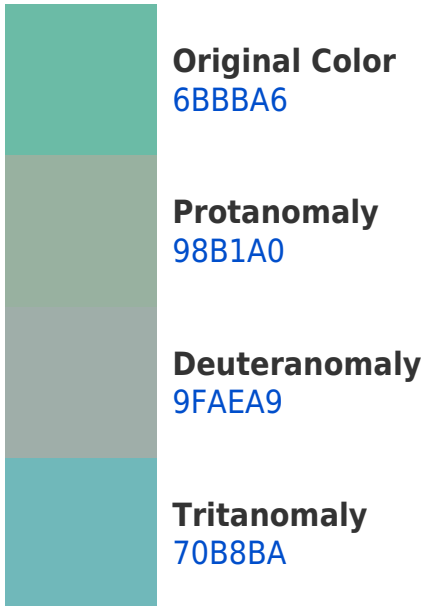
Dichromacy



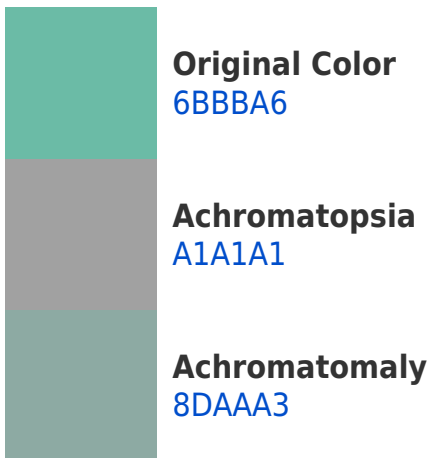


Tritanopia
73B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BBBA6 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 #6BBBA6 looks like.

```
.text, #text, p{  
    color:#6BBBA6  
}
```

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 #6BBBA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBBA6
}
```

Border

The CSS property to change the border of an element to Hex 6BBBA6 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
#6BBBA6 }
```

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

```
.border{ border-color:#6BBBA6 }
```

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

Here you see how a box with a 4 pixel #6BBBA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBBA6; -webkit-box-shadow:4px 4px  
4px 4px #6BBBA6; box-shadow:4px 4px 4px  
4px #6BBBA6 }
```

Background

The CSS property to change the background color of an element to Hex 6BBBA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBBA6 }
```

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

```
.background{ background-color:#6BBBA6 }
```

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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