

Converting Colors

Hex(6CBF87)

Have a look what the booklet for
Hex(6CBF87) contains.

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Color

Hex(6CBF87)

Conversions

Conversions Part 1

Format	Color
Hex	6CBF87
RGB	108, 191, 135
RGB Percent	42%, 75%, 53%
CMY	0.5765, 0.2510, 0.4706
CMYK	0.43, 0.00, 0.29, 0.25
HSL	140°, 39%, 59%
HSV	140°, 43%, 75%
XYZ	29.1883, 42.1990, 29.5285
YIQ	159.7990, -31.4920, -35.0120

Conversions

Conversions Part 2

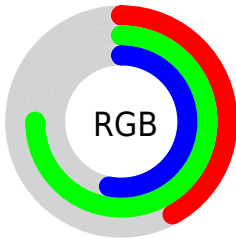
Format	Color
RYB	108, 171, 191
Decimal	7126919
CIELab	71.01, -37.70, 20.56
CIELCh	71, 42.941, 151.397
Yxy	42.1990, 0.2892, 0.4182
Android (android.graphics.Color)	4285316999 (0xFF6CBF87)
YUV	159.7990, -12.2259, -45.4277
Hunter-Lab	64.9608, -33.4773, 18.5217

Details

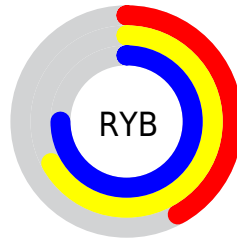
The Hex color **6CBF87** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF6CA4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A3F8BD**, and **358955** is the 20% darker color. If you saturate the color by 10%, you get **59BF7A**, and if you desaturate by 10%, it is **7FBF94**.

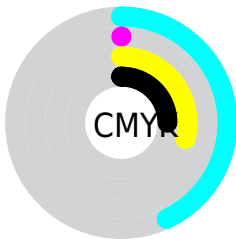
Distribution



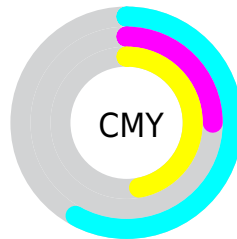
- Red (42%)
- Green (75%)
- Blue (53%)



- Red (42%)
- Yellow (67%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (29%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CBF87 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 6CBF87 by changing the saturation by 10% instead.



6CBF87



6CBF87

FFFFFF



51A46D



A3F8BD



358955



BFFFD8



156F3D



DCFFF5



005627



F9FFFF



003E11



002800



000700



000000



6CBF87



6CBF87

■ 59BF7A

■ 7FBF94

■ 46BF6D

■ 92BFA1

■ 33BF60

■ A5BFAE

■ 20BF53

■ B8BFBB

■ 0CBF47

■ CBBFC7

■ 00BF3E

■ DFBFD4

■ F2BFE1

■ FFBFEE

■ FFBFFB

Harmonies

Analogous

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



9CB869



6CBF87



27C2AE

Triad

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



6CBF87



74B1FC



F79287

Complementary

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



6CBF87



BF6CA4

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.



F78EAD



6CBF87



B4A3F1

Square

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



6CBF87



00BCF2



E095D4



E59E6A

Rectangle

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



6CBF87



00C2C9



E095D4



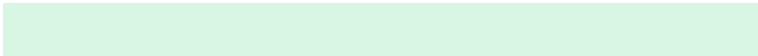
F99093

Sweetspot

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



6CBF87



D7F7E2



A5BF6C



697D6F



FCFCFC



7D7D7D

Same Dimension

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



6CBF87



77F7A1



6CBFB0



555E58



009E33



001F0A

Inverse Universe

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



BF6CA4



F777CE



BF6C7B



5E555B



9E006B



1F0015

Previews

White Background



This preview shows how the Hex color 6CBF87 looks on a white background.

Color Contrast Check

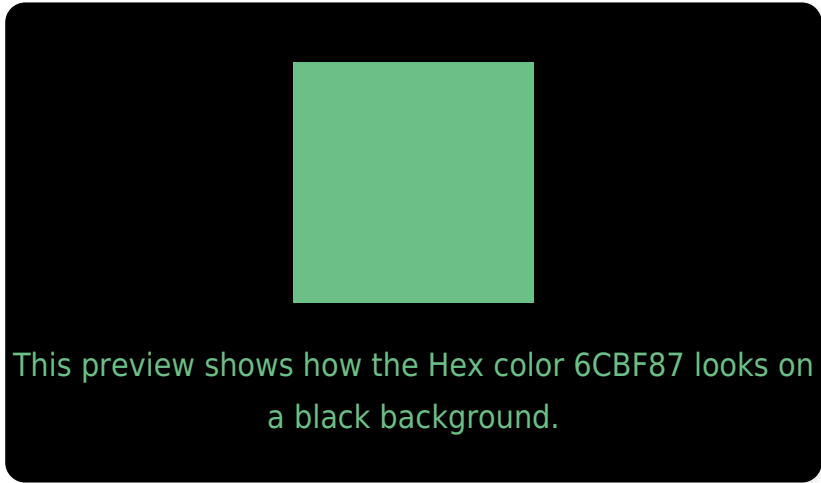
Large Text (above 18pt) WCAG AA × Fail

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

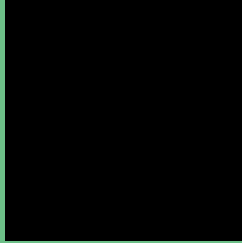
Any Text WCAG AA ✓ Pass

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 6CBF87 Background



This preview shows how black text looks on a background with the Hex color 6CBF87.

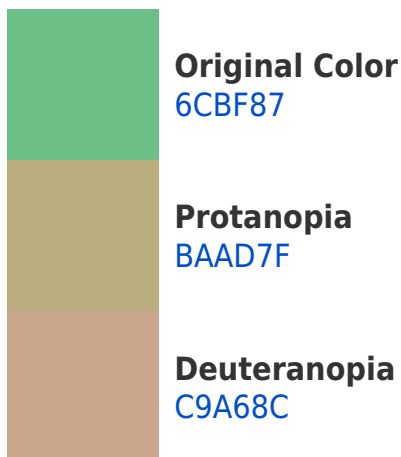


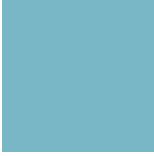
This preview shows how white text looks on a background with the Hex color 6CBF87.

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](#).

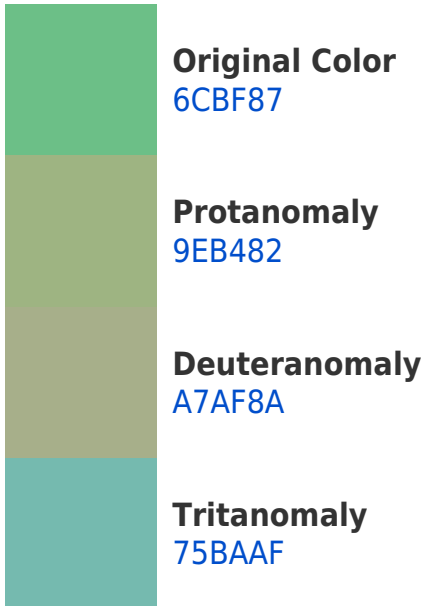
Dichromacy



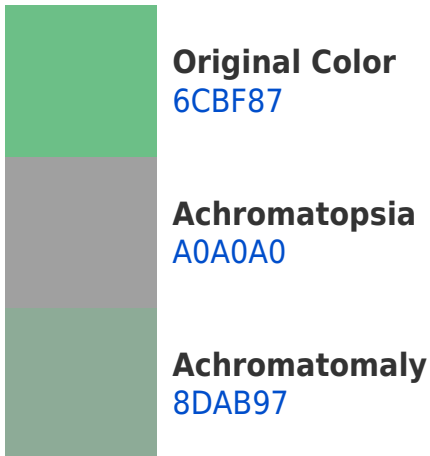


Tritanopia
7AB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CBF87 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 #6CBF87 looks like.

```
.text, #text, p{  
    color:#6CBF87  
}
```

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 #6CBF87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CBF87
}
```

Border

The CSS property to change the border of an element to Hex 6CBF87 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
#6CBF87 }
```

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

```
.border{ border-color:#6CBF87 }
```

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

Here you see how a box with a 4 pixel #6CBF87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CBF87; -webkit-box-shadow:4px 4px  
4px 4px #6CBF87; box-shadow:4px 4px 4px  
4px #6CBF87 }
```

Background

The CSS property to change the background color of an element to Hex 6CBF87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CBF87 }
```

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

```
.background{ background-color:#6CBF87 }
```

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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