

Converting Colors

Hex(6EB87B)

Have a look what the booklet for
Hex(6EB87B) contains.

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Color

Hex(6EB87B)

Conversions

Conversions Part 1

Format	Color
Hex	6EB87B
RGB	110, 184, 123
RGB Percent	43%, 72%, 48%
CMY	0.5686, 0.2784, 0.5176
CMYK	0.40, 0.00, 0.33, 0.28
HSL	131°, 34%, 58%
HSV	131°, 40%, 72%
XYZ	27.1460, 39.0260, 24.8409
YIQ	154.9200, -24.5230, -34.6590

Conversions

Conversions Part 2

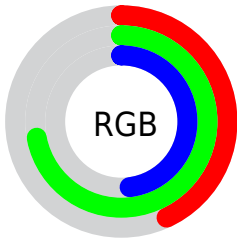
Format	Color
RYB	110, 173, 184
Decimal	7256187
CIELab	68.77, -36.11, 23.95
CIELCh	69, 43.332, 146.451
Yxy	39.0260, 0.2983, 0.4288
Android (android.graphics.Color)	4285446267 (0xFF6EB87B)
YUV	154.9200, -15.7366, -39.3948
Hunter-Lab	62.4708, -31.7586, 20.1535

Details

The Hex color **6EB87B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B86EAB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A4F0B0**, and **39824A** is the 20% darker color. If you saturate the color by 10%, you get **5CB86C**, and if you desaturate by 10%, it is **80B88A**.

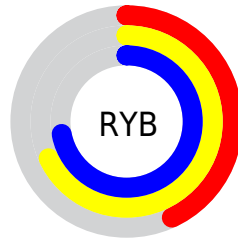
Distribution



Red (43%)

Green (72%)

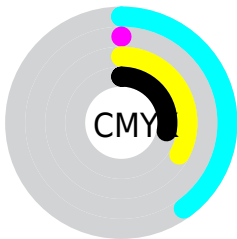
Blue (48%)



Red (43%)

Yellow (68%)

Blue (72%)

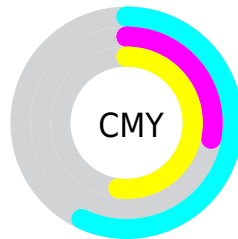


Cyan (40%)

Magenta (0%)

Yellow (33%)

Black (28%)



Cyan (57%)

Magenta (28%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EB87B 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 6EB87B by changing the saturation by 10% instead.

 6EB87B

 6EB87B

FFFFFF

 539D62

 A4F0B0

 39824A

 C1FFCB

 1C6932

 DDFFE8

 00501C

 FAFFFF

 003804

 002400

 000000

 6EB87B

 6EB87B

 5CB86C

 80B88A

 49B85D

 93B899

 37B84D

 A5B8A9

 24B83E

 B8B8B8

 12B82F

 CAB8C7

 00B820

 DCB8D6

 EFB8E5

 FFB8F4

 FFB8FF

Harmonies

Analogous

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



9DB060



6EB87B



2ABCA2

Triad

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



6EB87B



5FADF6



F28B87

Complementary

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



6EB87B



B86EAB

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.



EE88AE



6EB87B



A49FEE

Square

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



6EB87B



00B7E8



D491D4



E29668

Rectangle

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



6EB87B



00BCBD



D491D4



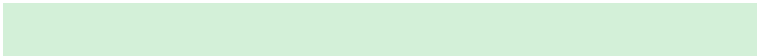
F38994

Sweetspot

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



6EB87B



D3F0D8



ACB86E



67786A



F7F7F7



787878

Same Dimension

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



6EB87B



7DF091



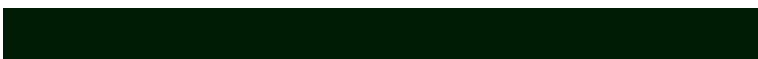
6EB89F



535C54



009C1B



001C05

Inverse Universe

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



B86EAB



F07DDB



B86E87



5C535A



9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 6EB87B looks on a white background.

Color Contrast Check

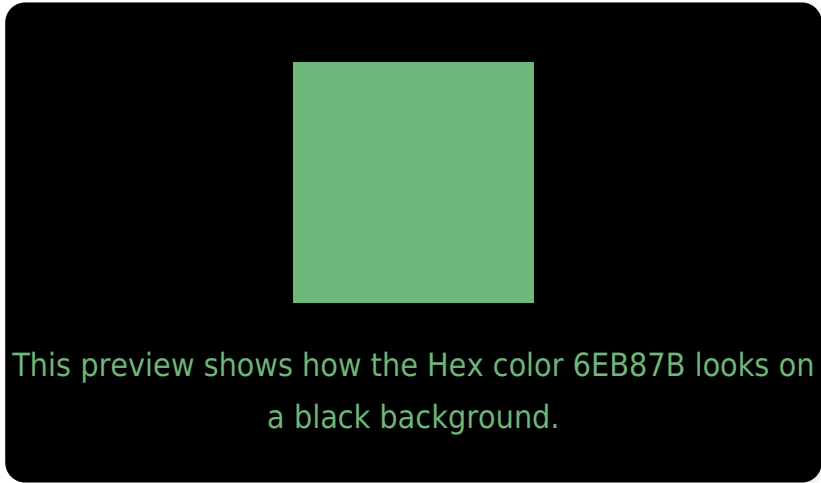
Large Text (above 18pt) WCAG AA × Fail

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

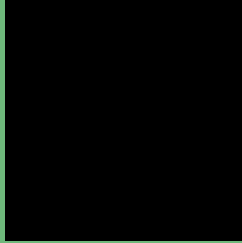
Any Text WCAG AA ✓ Pass

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 6EB87B Background



This preview shows how black text looks on a background with the Hex color 6EB87B.

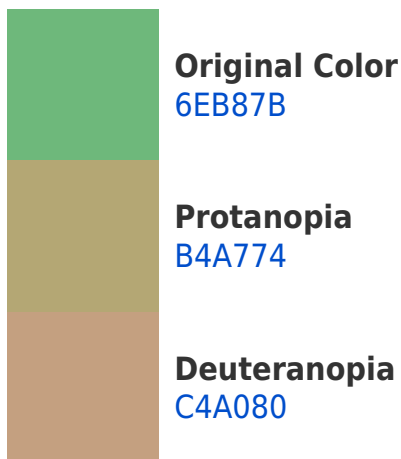


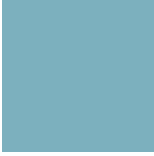
This preview shows how white text looks on a background with the Hex color 6EB87B.

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](#).

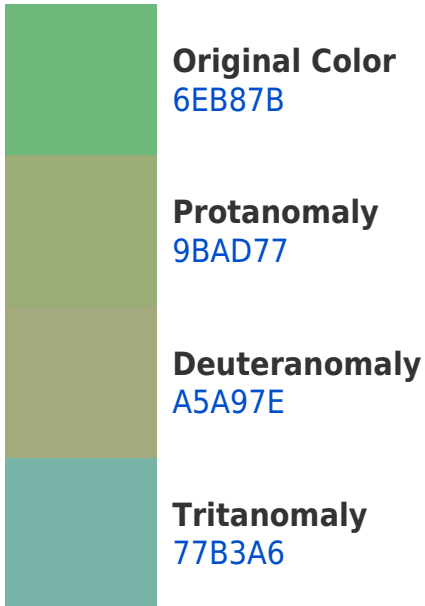
Dichromacy



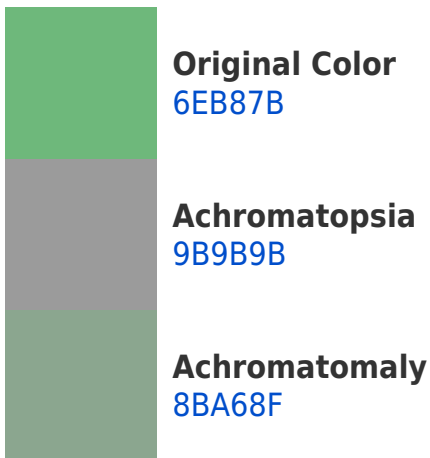


Tritanopia
7CB0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EB87B 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 #6EB87B looks like.

```
.text, #text, p{  
    color:#6EB87B  
}
```

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 #6EB87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB87B
}
```

Border

The CSS property to change the border of an element to Hex 6EB87B 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
#6EB87B }
```

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

```
.border{ border-color:#6EB87B }
```

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

Here you see how a box with a 4 pixel #6EB87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB87B; -webkit-box-shadow:4px 4px  
4px 4px #6EB87B; box-shadow:4px 4px 4px  
4px #6EB87B }
```

Background

The CSS property to change the background color of an element to Hex 6EB87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB87B }
```

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

```
.background{ background-color:#6EB87B }
```

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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