

# Converting Colors

Hex(6FAB7D)

Have a look what the booklet for  
Hex(6FAB7D) contains.

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# **Color**

**Hex(6FAB7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FAB7D
RGB	111, 171, 125
RGB Percent	44%, 67%, 49%
CMY	0.5647, 0.3294, 0.5098
CMYK	0.35, 0.00, 0.27, 0.33
HSL	134°, 26%, 55%
HSV	134°, 35%, 67%
XYZ	24.8201, 33.9860, 24.6538
YIQ	147.8160, -20.9940, -27.0260

# Conversions

## Conversions Part 2

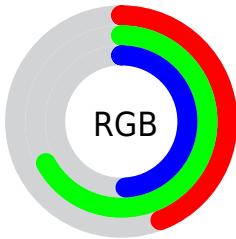
Format	Color
<a href="#">RYB</a>	<a href="#">111, 160, 171</a>
Decimal	<a href="#">7318397</a>
CIELab	<a href="#">64.95, -29.34, 17.67</a>
CIElCh	<a href="#">65, 34.250, 148.940</a>
Yxy	<a href="#">33.9860, 0.2974, 0.4072</a>
Android (android.graphics.Color)	<a href="#">4285508477 (0xFF6FAB7D)</a>
YUV	<a href="#">147.8160, -11.2483, -32.2876</a>
Hunter-Lab	<a href="#">58.2975, -26.0244, 15.7347</a>

# Details

The Hex color **6FAB7D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB6F9D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A5E3B2**, and **3C764C** is the 20% darker color. If you saturate the color by 10%, you get **5EAB70**, and if you desaturate by 10%, it is **80AB8A**.

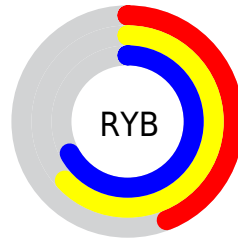
# Distribution



Red (44%)

Green (67%)

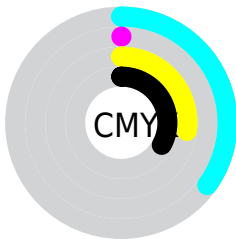
Blue (49%)



Red (44%)

Yellow (63%)

Blue (67%)

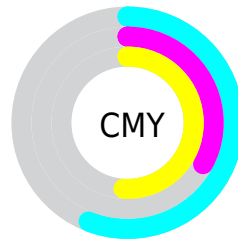


Cyan (35%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FAB7D 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 6FAB7D by changing the saturation by 10% instead.



 6FAB7D

 6FAB7D

FFFFFF

 559064

 A5E3B2

 3C764C

 C0FFCD

 225D35

 DDFFEA

 03451F

 FAFFFF

 002E09

 001A00

 000000

 6FAB7D

 6FAB7D

 5EAB70

 80AB8A

 4DAB63

 91AB97

 3CAB56

 A2ABA4

 2BAB49

 B3ABB1

 19AB3B

 C4ABBF

 08AB2E

 D6ABCC

 00AB28

 E7ABD9

 F8ABE6

 FFABF3

# Harmonies

## Analogous

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



93A567



6FAB7D



47AE9B

# Triad

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



6FAB7D



70A1DA



D98882

# Complementary

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



6FAB7D



AB6F9D

# 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.



D786A0



6FAB7D



A096D3

# Square

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



6FAB7D



3DA9D1



C38CBE



CC916A

# Rectangle

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



6FAB7D



2EAEB0



C38CBE



DA878B



# Sweetspot

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



6FAB7D



C5DECB



9DAB6F



627065



F0F0F0



707070



# Same Dimension

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



6FAB7D



81DE96



6FAB9B



4E5750



009623



001705



# Inverse Universe

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



AB6F9D



DE81C8



AB6F7F



574E55



960073



170012



# Previews

## White Background



This preview shows how the Hex color 6FAB7D looks on a white background.

## Color Contrast Check

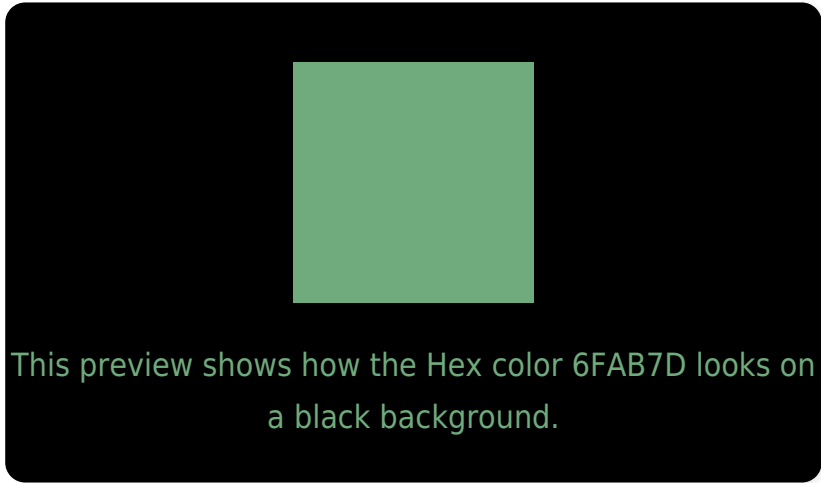
Large Text (above 18pt) WCAG AA × Fail

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 6FAB7D Background



This preview shows how black text looks on a background with the Hex color 6FAB7D.

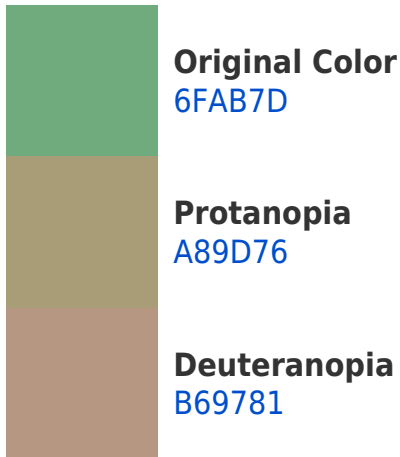


This preview shows how white text looks on a background with the Hex color 6FAB7D.

# 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](#).

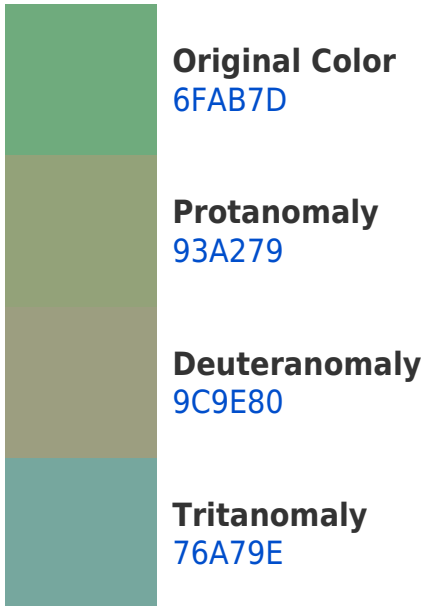
## Dichromacy



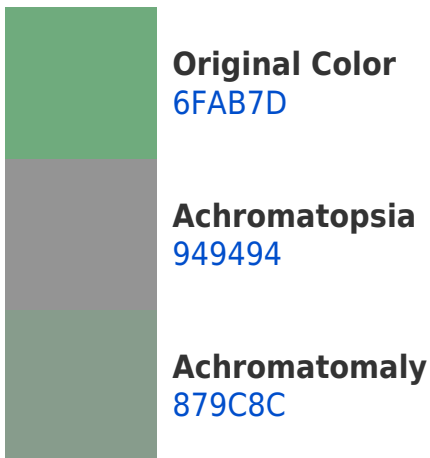


**Tritanopia**  
7AA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FAB7D 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 #6FAB7D looks like.

```
.text, #text, p{  
    color:#6FAB7D  
}
```

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 #6FAB7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FAB7D
}
```

## Border

The CSS property to change the border of an element to Hex 6FAB7D 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
#6FAB7D }
```

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

```
.border{ border-color:#6FAB7D }
```

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

Here you see how a box with a 4 pixel #6FAB7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FAB7D; -webkit-box-shadow:4px 4px  
4px 4px #6FAB7D; box-shadow:4px 4px 4px  
4px #6FAB7D }
```

# Background

The CSS property to change the background color of an element to Hex 6FAB7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FAB7D }
```

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

```
.background{ background-color:#6FAB7D }
```

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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