

# Converting Colors

Hex(6B9187)

Have a look what the booklet for  
Hex(6B9187) contains.

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**Color**

**Hex(6B9187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B9187
RGB	107, 145, 135
RGB Percent	42%, 57%, 53%
CMY	0.5804, 0.4314, 0.4706
CMYK	0.26, 0.00, 0.07, 0.43
HSL	164°, 15%, 49%
HSV	164°, 26%, 57%
XYZ	20.5620, 25.1259, 26.6877
YIQ	132.4980, -19.4380, -11.1660

# Conversions

## Conversions Part 2

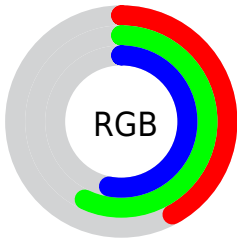
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 129, 145
Decimal	7049607
CIE <sub>Lab</sub>	57.20, -15.35, 1.04
CIE <sub>LCh</sub>	57, 15.388, 176.129
Yxy	25.1259, 0.2841, 0.3472
Android (android.graphics.Color)	4285239687 (0xFF6B9187)
<b>YUV</b>	132.4980, 1.2335, -22.3617
Hunter-Lab	50.1257, -14.4978, 3.5211

# Details

The Hex color **6B9187** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **916B75**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9FC7BC**, and **3A5E55** is the 20% darker color. If you saturate the color by 10%, you get **5D9183**, and if you desaturate by 10%, it is **7A918B**.

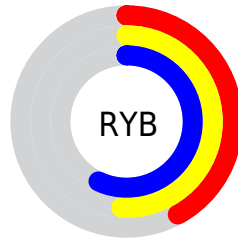
# Distribution



Red (42%)

Green (57%)

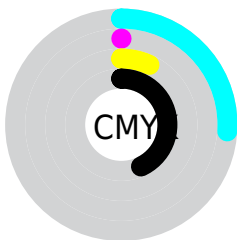
Blue (53%)



Red (42%)

Yellow (51%)

Blue (57%)

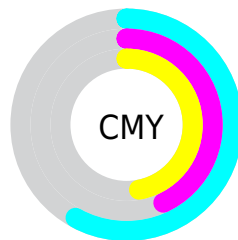


Cyan (26%)

Magenta (0%)

Yellow (7%)

Black (43%)



Cyan (58%)

Magenta (43%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B9187 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 6B9187 by changing the saturation by 10% instead.





6B9187



6B9187

FFFFFF



52776E



9FC7BC



3A5E55



BAE3D8



23473E



D6FFF4



0B3028



F3FFFF



001C14



000000



6B9187



6B9187



5D9183



7A918B



4E917F



88918F

■ 3F917C

■ 979192

■ 319178

■ A59196

■ 239174

■ B3919A

■ 149170

■ C2919E

■ 06916C

■ D191A2

■ 00916B

■ DF91A6

■ EE91A9

# Harmonies

## Analogous

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



788F7A



6B9187



659195

# Triad

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



6B9187



8A86A1



A08374

# Complementary

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



6B9187



916B75

# 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.



A5817E



6B9187



998298

# Square

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



6B9187



788BA4



A3808C



96886F

# Rectangle

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



6B9187



67909C



A3808C



A38277



# Sweetspot

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



6B9187



AEBDB9



75916B



555E5C



DEDEDE



5E5E5E



# Same Dimension

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



6B9187



82BDAD



6B8891



404746



008764



000806



# Inverse Universe

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



916B75



BD8292



91746B



474042



870024



080002



# Previews

## White Background



This preview shows how the Hex color 6B9187 looks on a white background.

## Color Contrast Check

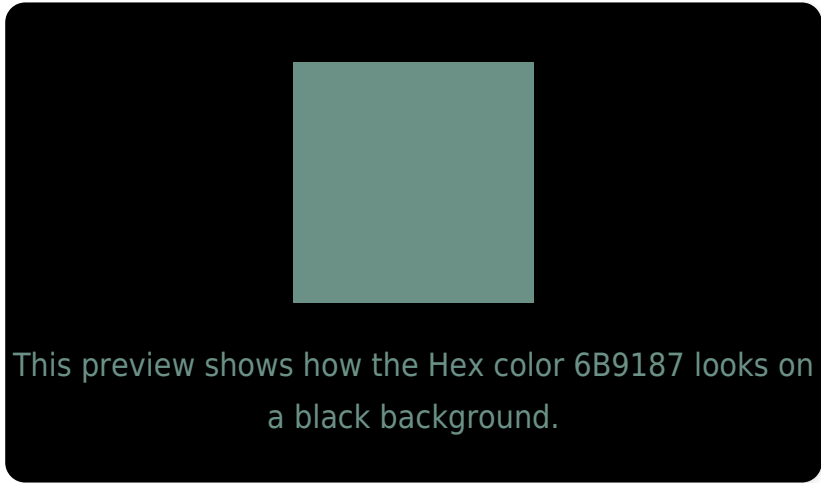
Large Text (above 18pt) WCAG AA ✓ Pass

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

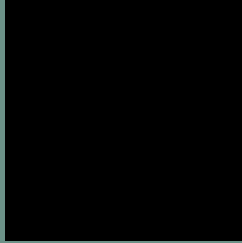
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B9187 Background



This preview shows how black text looks on a background with the Hex color 6B9187.

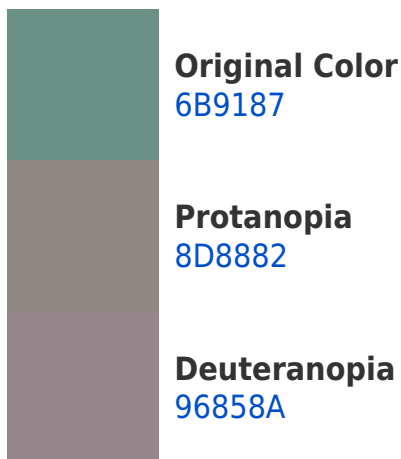


This preview shows how white text looks on a background with the Hex color 6B9187.

# 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**  
6F8E9A

# Trichromacy



**Original Color**  
6B9187

**Protanomaly**  
818B84

**Deuteranomaly**  
868989

**Tritanomaly**  
6E8F93

# Monochromacy



**Original Color**  
6B9187

**Achromatopsia**  
848484

**Achromatomaly**  
7B8985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B9187 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 #6B9187 looks like.

```
.text, #text, p{  
    color:#6B9187  
}
```

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 #6B9187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9187
}
```

## Border

The CSS property to change the border of an element to Hex 6B9187 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
#6B9187 }
```

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

```
.border{ border-color:#6B9187 }
```

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

Here you see how a box with a 4 pixel #6B9187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9187; -webkit-box-shadow:4px 4px  
4px 4px #6B9187; box-shadow:4px 4px 4px  
4px #6B9187 }
```

# Background

The CSS property to change the background color of an element to Hex 6B9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9187 }
```

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

```
.background{ background-color:#6B9187 }
```

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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