

Converting Colors

Hex(649B87)

Have a look what the booklet for
Hex(649B87) contains.

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Color

Hex(649B87)

Conversions

Conversions Part 1

Format	Color
Hex	649B87
RGB	100, 155, 135
RGB Percent	39%, 61%, 53%
CMY	0.6078, 0.3922, 0.4706
CMYK	0.35, 0.00, 0.13, 0.39
HSL	158°, 22%, 50%
HSV	158°, 35%, 61%
XYZ	21.3500, 27.9013, 27.1819
YIQ	136.2750, -26.3600, -17.8800

Conversions

Conversions Part 2

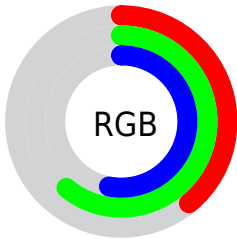
Format	Color
RYB	100, 134, 155
Decimal	6593415
CIELab	59.80, -22.78, 4.76
CIElCh	60, 23.271, 168.206
Yxy	27.9013, 0.2793, 0.3650
Android (android.graphics.Color)	4284783495 (0xFF649B87)
YUV	136.2750, -0.6286, -31.8132
Hunter-Lab	52.8217, -20.2898, 6.4647

Details

The Hex color **649B87** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B6478**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **99D2BC**, and **326855** is the 20% darker color. If you saturate the color by 10%, you get **559B81**, and if you desaturate by 10%, it is **749B8D**.

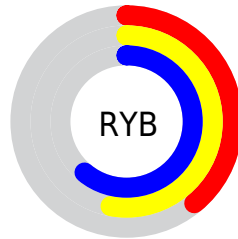
Distribution



Red (39%)

Green (61%)

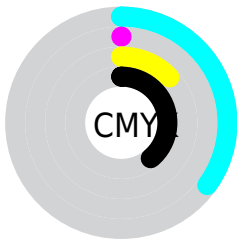
Blue (53%)



Red (39%)

Yellow (53%)

Blue (61%)

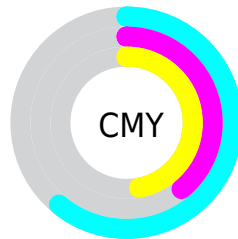


Cyan (35%)

Magenta (0%)

Yellow (13%)

Black (39%)



Cyan (61%)

Magenta (39%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649B87 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 649B87 by changing the saturation by 10% instead.



649B87



649B87

FFFFFF



4B816E



99D2BC



326855



B4EED8



184F3E



D0FFF4



003828



EDFFFF



002214



000000



649B87



649B87



559B81



749B8D



459B7C



839B92

 369B76

 939B98

 269B70

 A29B9E

 179B6B

 B29BA3

 079B65

 C19BA9

 009B63

 D19BAE

 E09BB4

 F09BBA

Harmonies

Analogous

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



7B9874



649B87



549B9C

Triad

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



649B87



888EB7



B58572

Complementary

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



649B87



9B6478

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.



BA8184



649B87



A287AB

Square

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



649B87



6B94B8



B48299



A68C68

Rectangle

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



649B87



539AA9



B48299



B78478

Sweetspot

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



649B87



B3C9C1



789B64



596661



E6E6E6



666666

Same Dimension

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



649B87



73C9AA



64949B



454D4A



008C59



000D08

Inverse Universe

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



9B6478



C97392



9B6B64



4D4548



8C0033



0D0005

Previews

White Background



This preview shows how the Hex color 649B87 looks on a white background.

Color Contrast Check

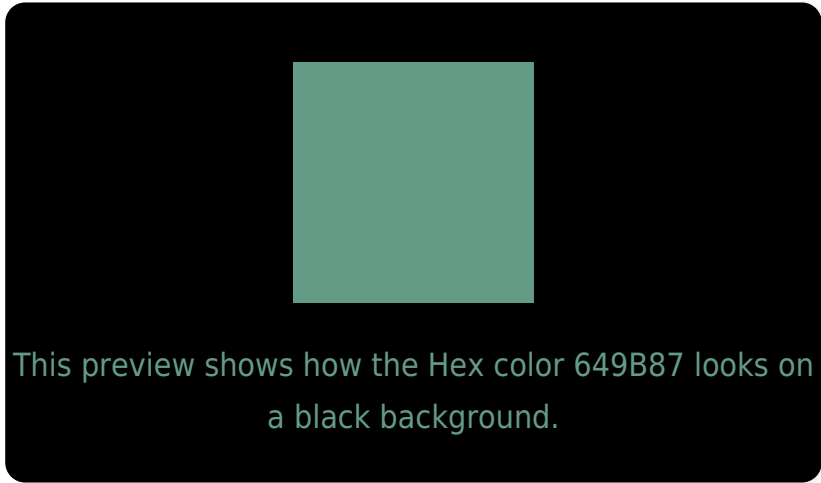
Large Text (above 18pt) WCAG AA ✓ Pass

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

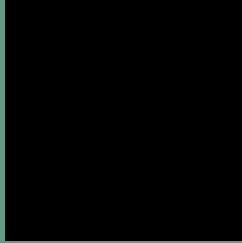
Any Text WCAG AA ✓ Pass

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 649B87 Background



This preview shows how black text looks on a background with the Hex color 649B87.

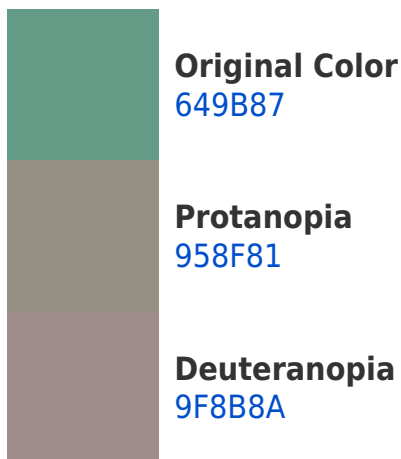


This preview shows how white text looks on a background with the Hex color 649B87.

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
6A97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649B87 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 #649B87 looks like.

```
.text, #text, p{  
    color:#649B87  
}
```

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 #649B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649B87
}
```

Border

The CSS property to change the border of an element to Hex 649B87 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
#649B87 }
```

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

```
.border{ border-color:#649B87 }
```

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

Here you see how a box with a 4 pixel #649B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649B87; -webkit-box-shadow:4px 4px  
4px 4px #649B87; box-shadow:4px 4px 4px  
4px #649B87 }
```

Background

The CSS property to change the background color of an element to Hex 649B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649B87 }
```

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

```
.background{ background-color:#649B87 }
```

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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