

Converting Colors

Hex(69B688)

Have a look what the booklet for
Hex(69B688) contains.

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Color

Hex(69B688)

Conversions

Conversions Part 1

Format	Color
Hex	69B688
RGB	105, 182, 136
RGB Percent	41%, 71%, 53%
CMY	0.5882, 0.2863, 0.4667
CMYK	0.42, 0.00, 0.25, 0.29
HSL	144°, 35%, 56%
HSV	144°, 42%, 71%
XYZ	26.9976, 38.2367, 29.2501
YIQ	153.7330, -31.1260, -30.6300

Conversions

Conversions Part 2

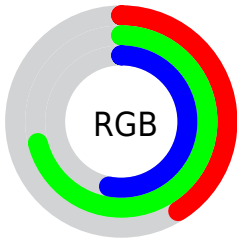
Format	Color
RYB	105, 160, 182
Decimal	6928008
CIELab	68.19, -34.23, 16.12
CIELCh	68, 37.837, 154.792
Yxy	38.2367, 0.2857, 0.4047
Android (android.graphics.Color)	4285118088 (0xFF69B688)
YUV	153.7330, -8.7424, -42.7388
Hunter-Lab	61.8359, -30.2795, 15.2393

Details

The Hex color **69B688** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B66997**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9FEEBD**, and **338056** is the 20% darker color. If you saturate the color by 10%, you get **57B67D**, and if you desaturate by 10%, it is **7BB693**.

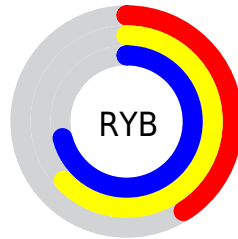
Distribution



Red (41%)

Green (71%)

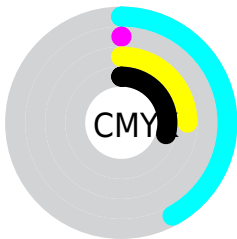
Blue (53%)



Red (41%)

Yellow (63%)

Blue (71%)

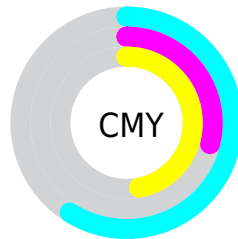


Cyan (42%)

Magenta (0%)

Yellow (25%)

Black (29%)



Cyan (59%)

Magenta (29%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69B688 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 69B688 by changing the saturation by 10% instead.



69B688



69B688

FFFFFF



4E9B6F



9FEEBD



338056



BBFFD9



14673F



D8FFF6



004E28



F5FFFF



003713



002300



000000



69B688



69B688



57B67D



7BB693

 45B672

 8DB69E

 32B667

 A0B6A9

 20B65D

 B2B6B3

 0EB652

 C4B6BE

 00B649

 D6B6C9

 E8B6D4

 FBB6DF

 FFB6EA

Harmonies

Analogous

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



93B06D



69B688



37B9AB

Triad

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



69B688



7DA8EA



E69081

Complementary

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



69B688



B66997

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.



E78BA2



69B688



B19BDE

Square

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



69B688



3EB2E3



D690C4



D49A69

Rectangle

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



69B688



09B8C2



D690C4



E88D8B

Sweetspot

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



69B688



CEEDDB



97B669



65786C



F7F7F7



787878

Same Dimension

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



69B688



74EDA5



69B6AE



535C56



009C3F



001C0B

Inverse Universe

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



B66997



ED74BC



B66971



5C5358



9C005D



1C0011

Previews

White Background



This preview shows how the Hex color 69B688 looks on a white background.

Color Contrast Check

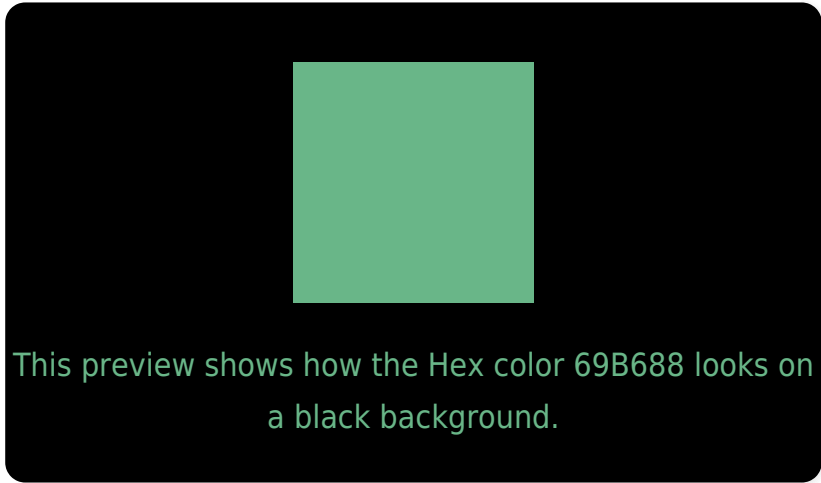
Large Text (above 18pt) WCAG AA × Fail

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

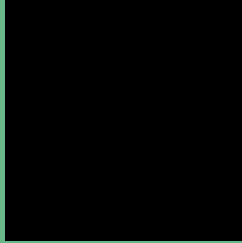
Any Text WCAG AA ✓ Pass

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 69B688 Background



This preview shows how black text looks on a background with the Hex color 69B688.

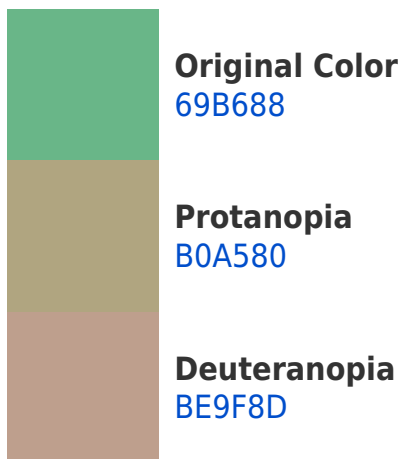


This preview shows how white text looks on a background with the Hex color 69B688.

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
75AFBD

Trichromacy



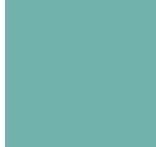
Original Color
69B688



Protanomaly
96AB83



Deuteranomaly
9FA78B



Tritanomaly
71B2AA

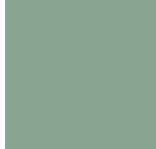
Monochromacy



Original Color
69B688



Achromatopsia
9A9A9A



Achromatomaly
88A493

CSS Examples

Text

The CSS property to change the color of the text to Hex 69B688 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 #69B688 looks like.

```
.text, #text, p{  
    color:#69B688  
}
```

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 #69B688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69B688
}
```

Border

The CSS property to change the border of an element to Hex 69B688 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
#69B688 }
```

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

```
.border{ border-color:#69B688 }
```

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

Here you see how a box with a 4 pixel #69B688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69B688; -webkit-box-shadow:4px 4px  
4px 4px #69B688; box-shadow:4px 4px 4px  
4px #69B688 }
```

Background

The CSS property to change the background color of an element to Hex 69B688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69B688 }
```

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

```
.background{ background-color:#69B688 }
```

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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