

# Converting Colors

Hex(69B692)

Have a look what the booklet for  
Hex(69B692) contains.

<b>Hex(69B692)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(69B692)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69B692
RGB	105, 182, 146
RGB Percent	41%, 71%, 57%
CMY	0.5882, 0.2863, 0.4275
CMYK	0.42, 0.00, 0.20, 0.29
HSL	152°, 35%, 56%
HSV	152°, 42%, 71%
XYZ	27.7420, 38.5345, 33.1699
YIQ	154.8730, -34.3360, -27.5200

# Conversions

## Conversions Part 2

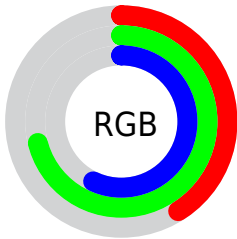
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 155, 182
Decimal	6928018
CIELab	68.41, -32.18, 10.97
CIELCh	68, 33.998, 161.182
Yxy	38.5345, 0.2790, 0.3875
Android (android.graphics.Color)	4285118098 (0xFF69B692)
YUV	154.8730, -4.3744, -43.7386
Hunter-Lab	62.0761, -28.8612, 11.7722

# Details

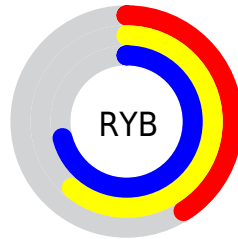
The Hex color **69B692** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B6698D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9FEEC8**, and **33815F** is the 20% darker color. If you saturate the color by 10%, you get **57B689**, and if you desaturate by 10%, it is **7BB69B**.

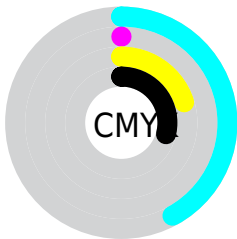
# Distribution



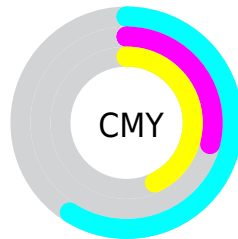
- Red (41%)
- Green (71%)
- Blue (57%)



- Red (41%)
- Yellow (61%)
- Blue (71%)



- Cyan (42%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)



- Cyan (59%)
- Magenta (29%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69B692 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 69B692 by changing the saturation by 10% instead.





69B692



69B692

FFFFFF



4E9B78



9FEEC8



33815F



BCFFE4



146748



D8FFFF



004E31



F5FFFF



00371C



002303



000000



69B692



69B692



57B689



7BB69B

 45B681

 8DB6A3

 32B678

 A0B6AC

 20B670

 B2B6B4

 0EB667

 C4B6BD

 00B661

 D6B6C5

 E8B6CE

 FBB6D6

 FFB6DF

# Harmonies

## Analogous

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



8EB178



69B692



44B8B2

# Triad

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



69B692



8EA6E3



DF9480

# Complementary

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



69B692



B6698D

# 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.



E38F9C



69B692



B99BD5

# Square

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



69B692



5DAFE0



D792BB



CC9E6D

# Rectangle

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



69B692



36B7C6



D792BB



E29289



# Sweetspot

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



69B692



CEEDDF



8EB669



65786F



F7F7F7



787878



# Same Dimension

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



69B692



74EDB5



69B5B6



535C58



009C53



001C0F



# Inverse Universe

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



B6698D



ED74AD



B66A69



5C5357



9C0049

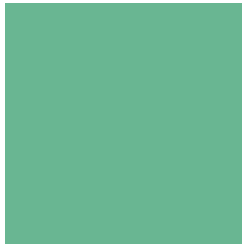


1C000D



# Previews

## White Background



This preview shows how the Hex color 69B692 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



This preview shows how the Hex color 69B692 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

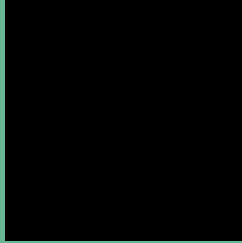
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69B692 Background



This preview shows how black text looks on a background with the Hex color 69B692.

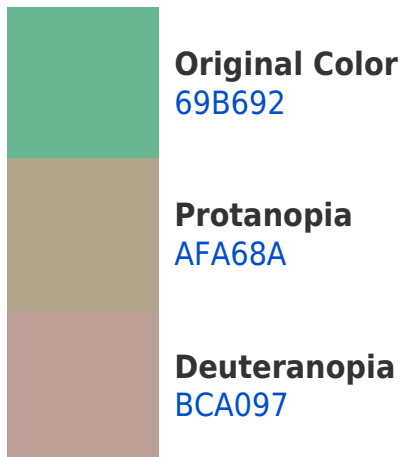


This preview shows how white text looks on a background with the Hex color 69B692.

# 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**  
74B0BE

# Trichromacy



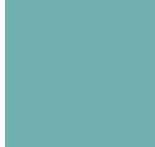
**Original Color**  
69B692



**Protanomaly**  
96AC8D



**Deuteranomaly**  
9EA895



**Tritanomaly**  
70B2AE

# Monochromacy



**Original Color**  
69B692



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
89A598

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69B692 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 #69B692 looks like.

```
.text, #text, p{  
    color:#69B692  
}
```

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 #69B692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69B692
}
```

## Border

The CSS property to change the border of an element to Hex 69B692 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
#69B692 }
```

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

```
.border{ border-color:#69B692 }
```

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

Here you see how a box with a 4 pixel #69B692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69B692; -webkit-box-shadow:4px 4px  
4px 4px #69B692; box-shadow:4px 4px 4px  
4px #69B692 }
```

# Background

The CSS property to change the background color of an element to Hex 69B692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69B692 }
```

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

```
.background{ background-color:#69B692 }
```

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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