

Converting Colors

Hex(69B166)

Have a look what the booklet for
Hex(69B166) contains.

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Color

Hex(69B166)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 69B166 |
| RGB | 105, 177, 102 |
| RGB Percent | 41%, 69%, 40% |
| CMY | 0.5882, 0.3059, 0.6000 |
| CMYK | 0.41, 0.00, 0.42, 0.31 |
| HSL | 118°, 32%, 55% |
| HSV | 118°, 42%, 69% |
| XYZ | 23.9461, 35.4068, 18.1425 |
| YIQ | 146.9220, -18.8370, -38.5890 |

Conversions

Conversions Part 2

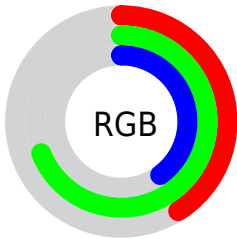
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 177, 174 |
| Decimal | 6926694 |
| CIELab | 66.06, -37.93, 31.44 |
| CIELCh | 66, 49.265, 140.351 |
| Yxy | 35.4068, 0.3090, 0.4569 |
| Android (android.graphics.Color) | 4285116774 (0xFF69B166) |
| YUV | 146.9220, -22.1465, -36.7656 |
| Hunter-Lab | 59.5037, -32.2975, 23.5752 |

Details

The Hex color **69B166** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE66B1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9FE99A**, and **337C35** is the 20% darker color. If you saturate the color by 10%, you get **58B154**, and if you desaturate by 10%, it is **7AB178**.

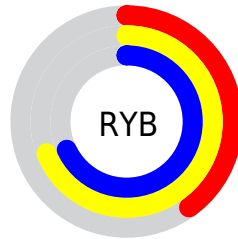
Distribution



Red (41%)

Green (69%)

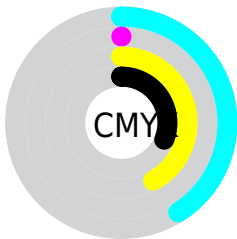
Blue (40%)



Red (40%)

Yellow (69%)

Blue (68%)

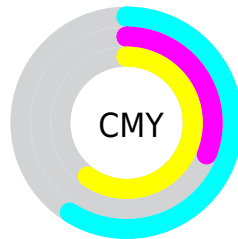


Cyan (41%)

Magenta (0%)

Yellow (42%)

Black (31%)



Cyan (59%)

Magenta (31%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69B166 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 69B166 by changing the saturation by 10% instead.

 69B166

 69B166

FFFFFF

 4E964D

 9FE99A

 337C35

 BBFFB5

 15621E

 D8FFD1

 004A05

 F5FFED

 003200

 001D00

 000000

 69B166

 69B166

 58B154

 7AB178

 47B143

 8BB189

 36B131

 9CB19B

 25B11F

 ADB1AD

 14B10E

 BEB1BF

 07B100

 CFB1D0

 E0B1E2

 F1B1F4

 FFB1FF

Harmonies

Analogous

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



9DA74A



69B166



00B690

Triad

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



69B166



11A9F7



F47D84

Complementary

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



69B166



AE66B1

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.



EB7DB1



69B166



8C9BF3

Square

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



69B166



00B3E4



C989D9



E6895E

Rectangle

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



69B166



00B7AF



C989D9



F37B93

Sweetspot

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



69B166



C9E6C8



B1AD66



617360



F2F2F2



737373

Same Dimension

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



69B166



75E670



66B188



515950



069900



011A00

Inverse Universe

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



AE66B1



E170E6



B1668F



595059



930099



18001A

Previews

White Background



This preview shows how the Hex color 69B166 looks on a white background.

Color Contrast Check

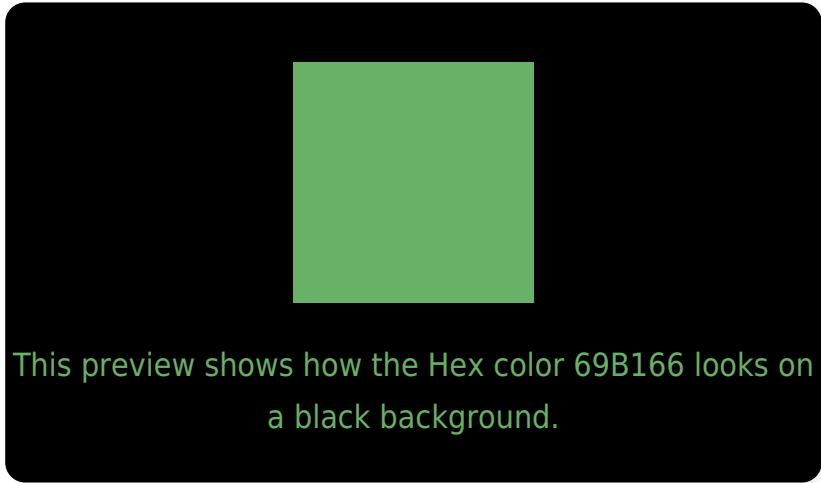
Large Text (above 18pt) WCAG AA × Fail

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 69B166 Background



This preview shows how black text looks on a background with the Hex color 69B166.

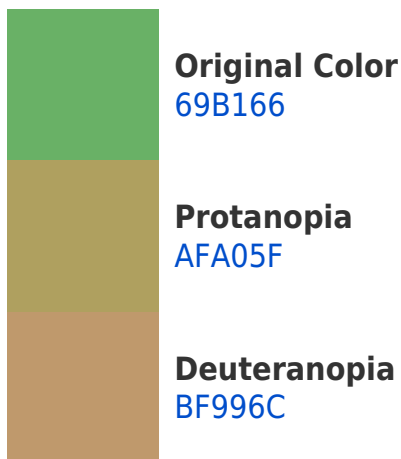


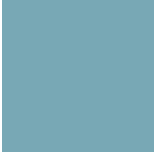
This preview shows how white text looks on a background with the Hex color 69B166.

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](#).

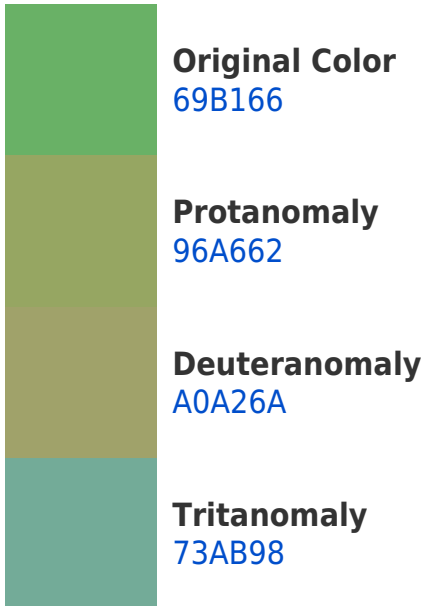
Dichromacy





Tritanopia
78A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69B166 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 #69B166 looks like.

```
.text, #text, p{  
    color:#69B166  
}
```

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 #69B166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69B166
}
```

Border

The CSS property to change the border of an element to Hex 69B166 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
#69B166 }
```

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

```
.border{ border-color:#69B166 }
```

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

Here you see how a box with a 4 pixel #69B166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69B166; -webkit-box-shadow:4px 4px  
4px 4px #69B166; box-shadow:4px 4px 4px  
4px #69B166 }
```

Background

The CSS property to change the background color of an element to Hex 69B166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69B166 }
```

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

```
.background{ background-color:#69B166 }
```

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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