

Converting Colors

Hex(68A167)

Have a look what the booklet for
Hex(68A167) contains.

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Color

Hex(68A167)

Conversions

Conversions Part 1

Format	Color
Hex	68A167
RGB	104, 161, 103
RGB Percent	41%, 63%, 40%
CMY	0.5922, 0.3686, 0.5961
CMYK	0.35, 0.00, 0.36, 0.37
HSL	119°, 24%, 52%
HSV	119°, 36%, 63%
XYZ	20.9020, 29.4121, 17.4074
YIQ	137.3450, -15.3540, -30.1220

Conversions

Conversions Part 2

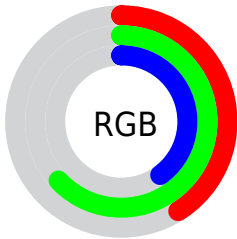
Format	Color
RYB	103, 161, 160
Decimal	6857063
CIELab	61.14, -30.72, 24.46
CIELCh	61, 39.264, 141.470
Yxy	29.4121, 0.3086, 0.4343
Android (android.graphics.Color)	4285047143 (0xFF68A167)
YUV	137.3450, -16.9321, -29.2436
Hunter-Lab	54.2329, -26.1116, 18.9324

Details

The Hex color **68A167** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A067A1**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9DD89B**, and **356D37** is the 20% darker color. If you saturate the color by 10%, you get **58A157**, and if you desaturate by 10%, it is **78A177**.

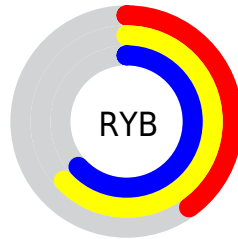
Distribution



Red (41%)

Green (63%)

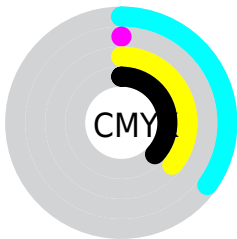
Blue (40%)



Red (40%)

Yellow (63%)

Blue (63%)

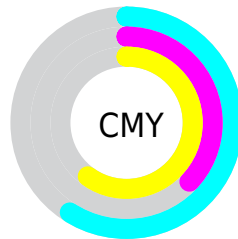


Cyan (35%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (59%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A167 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 68A167 by changing the saturation by 10% instead.



68A167



68A167

FFFFFF



4E874F



9DD89B



356D37



B9F5B6



1B5421



D5FFD1



003D0A



F2FFEE



002700



000800



000000



68A167



68A167



58A157



78A177

 48A147

 88A187

 39A137

 97A197

 29A127

 A7A1A7

 19A117

 B7A1B8

 09A106

 C7A1C8

 03A100

 D7A1D8

 E7A1E8

 F6A1F8

Harmonies

Analogous

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



909951



68A167



32A588

Triad

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



68A167



479AD8



D6797C

Complementary

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



68A167



A067A1

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.



D0799F



68A167



888ED4

Square

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



68A167



00A2C9



B581BF



CB825F

Rectangle

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



68A167



00A6A0



B581BF



D67887

Sweetspot

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



68A167



BAD1BA



A19F67



5B695B



E8E8E8



696969

Same Dimension

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



68A167



79D177



67A182



4A5249



039100



001200

Inverse Universe

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



A067A1



D077D1



A16786



514952



8F0091



120012

Previews

White Background



This preview shows how the Hex color 68A167 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

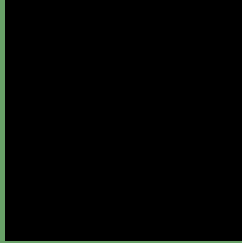
Any Text WCAG AA ✓ Pass

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 68A167 Background



This preview shows how black text looks on a background with the Hex color 68A167.

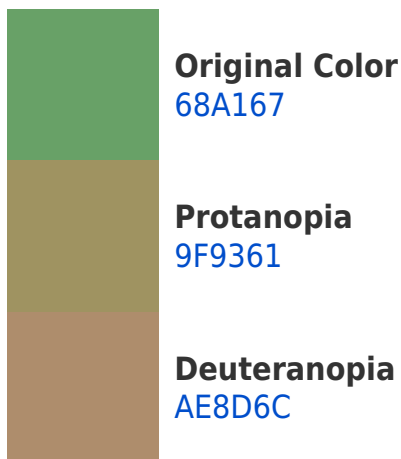


This preview shows how white text looks on a background with the Hex color 68A167.

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](#).

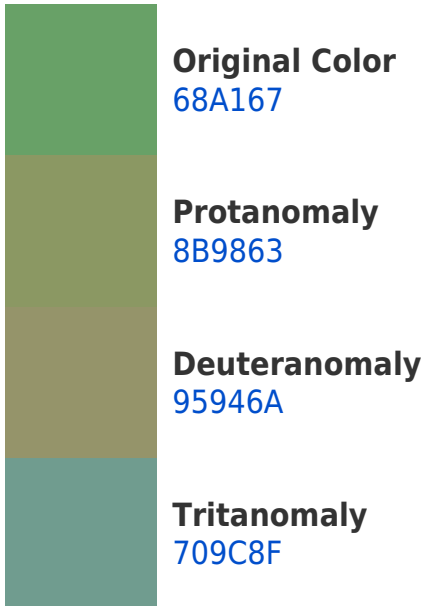
Dichromacy



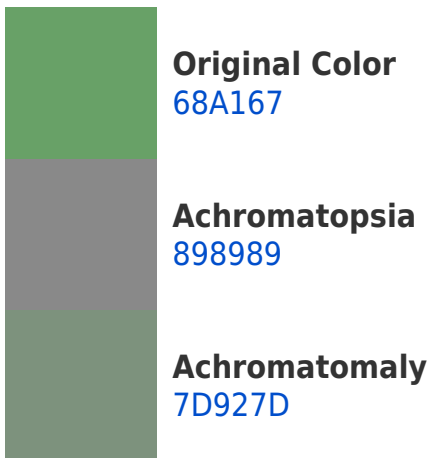


Tritanopia
7499A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A167 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 #68A167 looks like.

```
.text, #text, p{  
    color:#68A167  
}
```

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 #68A167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A167  
}
```

Border

The CSS property to change the border of an element to Hex 68A167 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  
#68A167 }
```

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

```
.border{ border-color:#68A167 }
```

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

Here you see how a box with a 4 pixel #68A167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A167; -webkit-box-shadow:4px 4px  
4px 4px #68A167; box-shadow:4px 4px 4px  
4px #68A167 }
```

Background

The CSS property to change the background color of an element to Hex 68A167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A167 }
```

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

```
.background{ background-color:#68A167 }
```

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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