

Converting Colors

Hex(68AA47)

Have a look what the booklet for
Hex(68AA47) contains.

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Color

Hex(68AA47)

Conversions

Conversions Part 1

Format	Color
Hex	68AA47
RGB	104, 170, 71
RGB Percent	41%, 67%, 28%
CMY	0.5922, 0.3333, 0.7216
CMYK	0.39, 0.00, 0.58, 0.33
HSL	100°, 41%, 47%
HSV	100°, 58%, 67%
XYZ	21.2210, 32.1474, 11.0479
YIQ	138.9800, -7.5570, -44.7810

Conversions

Conversions Part 2

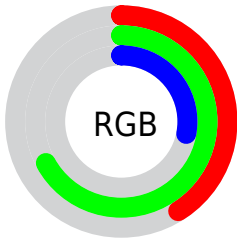
Format	Color
RYB	71, 170, 137
Decimal	6859335
CIELab	63.46, -39.19, 43.72
CIELCh	63, 58.718, 131.871
Yxy	32.1474, 0.3294, 0.4991
Android (android.graphics.Color)	4285049415 (0xFF68AA47)
YUV	138.9800, -33.5141, -30.6775
Hunter-Lab	56.6987, -32.4145, 28.1363

Details

The Hex color **68AA47** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8947AA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9FE27B**, and **327512** is the 20% darker color. If you saturate the color by 10%, you get **5DAA36**, and if you desaturate by 10%, it is **73AA58**.

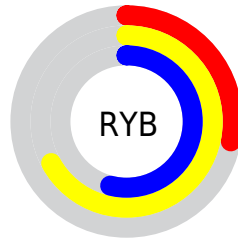
Distribution



Red (41%)

Green (67%)

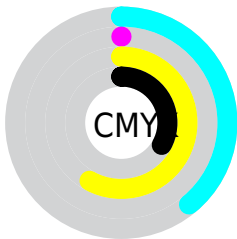
Blue (28%)



Red (28%)

Yellow (67%)

Blue (54%)

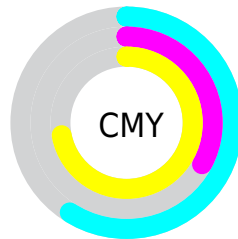


Cyan (39%)

Magenta (0%)

Yellow (58%)

Black (33%)



Cyan (59%)

Magenta (33%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68AA47 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 68AA47 by changing the saturation by 10% instead.



68AA47



68AA47

FFFFFF



4D8F2E



9FE27B



327512



BBFF95



115C00



D8FFB1



004400



F5FFCD



002D00



FFFFE9



001400



000000



68AA47



68AA47



5DAA36



73AA58

 51AA25

 7FAA69

 46AA14

 8AAA7A

 3BAA03

 95AA8B

 39AA00

 A1AA9C

 ACAAAD

 B7AABE

 C3AACF

 CEAAE0

Harmonies

Analogous

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



A29E29



68AA47



00B177

Triad

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



68AA47



00A8FD



F96987

Complementary

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



68AA47



8947AA

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.



E86FBB



68AA47



5B98FF

Square

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



68AA47



00B1DE



B783E8



EF7756

Rectangle

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



68AA47



00B39B



B783E8



F76999

Sweetspot

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



68AA47



C5DEB8



AA8947



61705A



F0F0F0



707070

Same Dimension

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



68AA47



76DE43



47AA57



4F544C



319400



071400

Inverse Universe

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



8947AA



AA43DE



AA4799



514C54



630094



0E0014

Previews

White Background



This preview shows how the Hex color 68AA47 looks on a white background.

Color Contrast Check

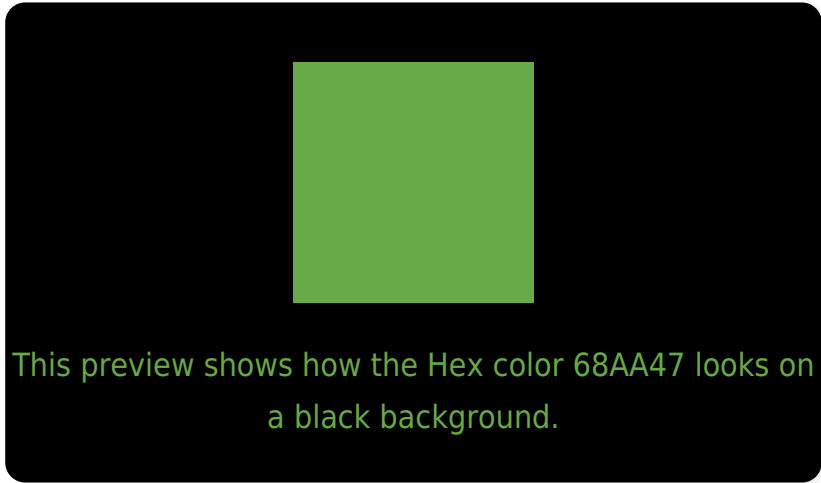
Large Text (above 18pt) WCAG AA × Fail

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 68AA47 Background



This preview shows how black text looks on a background with the Hex color 68AA47.

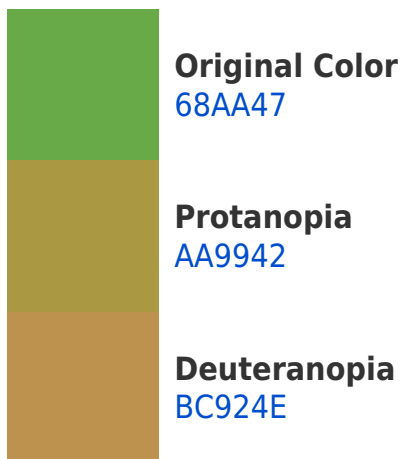


This preview shows how white text looks on a background with the Hex color 68AA47.

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](#).

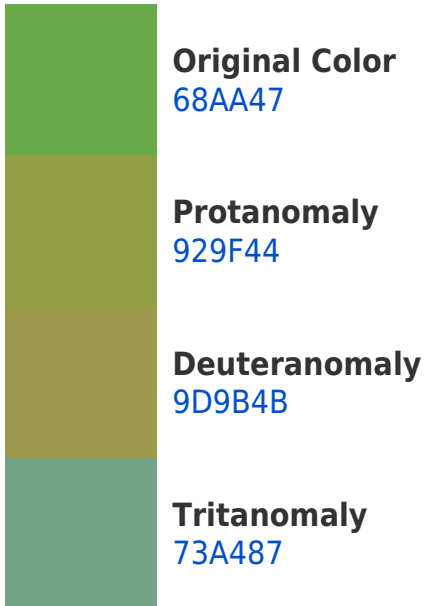
Dichromacy



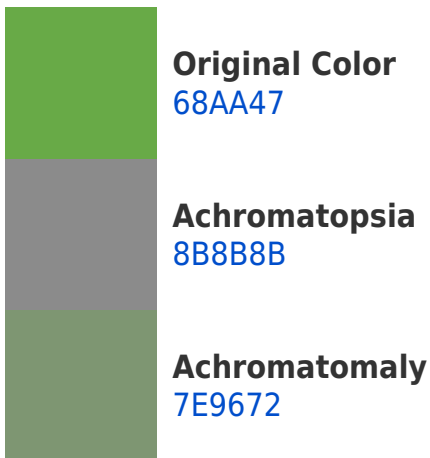


Tritanopia
79A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68AA47 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 #68AA47 looks like.

```
.text, #text, p{  
    color:#68AA47  
}
```

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 #68AA47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68AA47
}
```

Border

The CSS property to change the border of an element to Hex 68AA47 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
#68AA47 }
```

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

```
.border{ border-color:#68AA47 }
```

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

Here you see how a box with a 4 pixel #68AA47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68AA47; -webkit-box-shadow:4px 4px  
4px 4px #68AA47; box-shadow:4px 4px 4px  
4px #68AA47 }
```

Background

The CSS property to change the background color of an element to Hex 68AA47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68AA47 }
```

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

```
.background{ background-color:#68AA47 }
```

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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