

Converting Colors

Hex(668A42)

Have a look what the booklet for
Hex(668A42) contains.

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Color

Hex(668A42)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 668A42 |
| RGB | 102, 138, 66 |
| RGB Percent | 40%, 54%, 26% |
| CMY | 0.6000, 0.4588, 0.7412 |
| CMYK | 0.26, 0.00, 0.52, 0.46 |
| HSL | 90°, 35%, 40% |
| HSV | 90°, 52%, 54% |
| XYZ | 15.5513, 21.3951, 8.4643 |
| YIQ | 119.0280, 1.6560, -30.0240 |

Conversions

Conversions Part 2

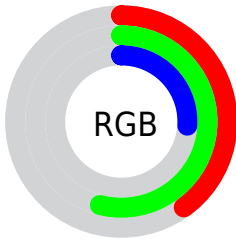
| Format | Color |
|-------------------------------------|---------------------------------|
| R _{YB} | 66, 138, 102 |
| Decimal | 6720066 |
| CIE Lab | 53.38, -25.58, 34.26 |
| CIE LCh | 53, 42.756, 126.741 |
| Yxy | 21.3951, 0.3425, 0.4711 |
| Android (android.graphics.Color) | 4284910146 (0xFF668A42) |
| YUV | 119.0280, -26.1428, -14.9336 |
| Hunter-Lab | 46.2548, -20.9324, 21.5288 |

Details

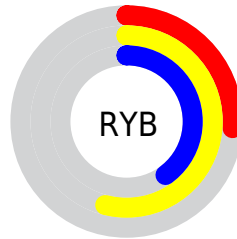
The Hex color **668A42** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **66428A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9BC074**, and **345812** is the 20% darker color. If you saturate the color by 10%, you get **5F8A34**, and if you desaturate by 10%, it is **6D8A50**.

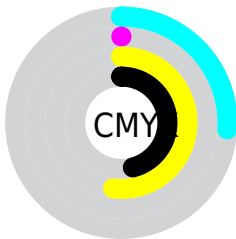
Distribution



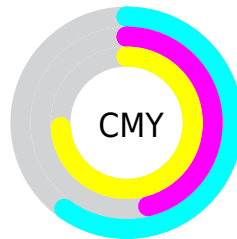
- Red (40%)
- Green (54%)
- Blue (26%)



- Red (26%)
- Yellow (54%)
- Blue (40%)



- Cyan (26%)
- Magenta (0%)
- Yellow (52%)
- Black (46%)



- Cyan (60%)
- Magenta (46%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668A42 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 668A42 by changing the saturation by 10% instead.



668A42



668A42

FFFFFF



4D702A



9BC074



345812



B6DC8E



1C4000



D2F8A9



012A00



EFFF C4



001400



FFFF E0



000000

FFFFFFD



668A42



668A42



5F8A34



6D8A50

 588A26

 748A5E

 518A19

 7B8A6B

 4A8A0B

 828A79

 458A00

 898A87

 8F8A95

 968AA3

 9D8AB0

 A48ABE

Harmonies

Analogous

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



8D8033



668A42



309061

Triad

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



668A42



008BC3



C46079

Complementary

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



668A42



66428A

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.



B3659D



668A42



4D81C8

Square

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



668A42



0091AA



8D73BB



C06655

Rectangle

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



668A42



00927A



8D73BB



C16085

Sweetspot

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



668A42



A4B396



8A6642



515948



D9D9D9



595959

Same Dimension

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



668A42



7AB342



428A42



41453E



428500



030500

Inverse Universe

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



66428A



7A42B3



8A428A



413E45



420085



030005

Previews

White Background



This preview shows how the Hex color 668A42 looks on a white background.

Color Contrast Check

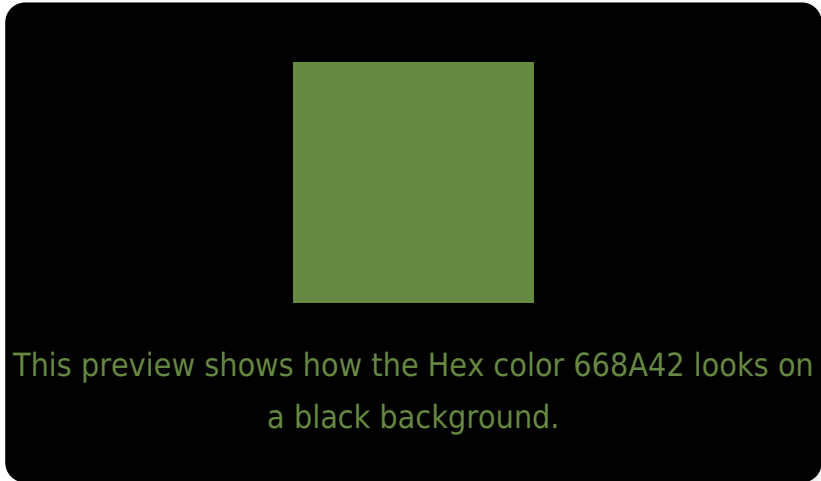
Large Text (above 18pt) WCAG AA ✓ Pass

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

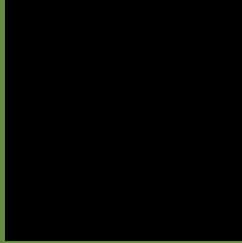
Any Text WCAG AA ✓ Pass

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 668A42 Background



This preview shows how black text looks on a background with the Hex color 668A42.



This preview shows how white text looks on a background with the Hex color 668A42.

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](#).

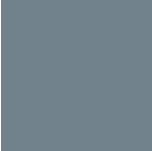
Dichromacy



Original Color
668A42

Protanopia
8D7F3E

Deuteranopia
9B7946



Tritanopia
71828C

Trichromacy



Original Color
668A42

Protanomaly
7F833F

Deuteranomaly
887F45

Tritanomaly
6D8571

Monochromacy



Original Color
668A42

Achromatopsia
777777

Achromatomaly
717E64

CSS Examples

Text

The CSS property to change the color of the text to Hex 668A42 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 #668A42 looks like.

```
.text, #text, p{  
    color:#668A42  
}
```

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 #668A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668A42
}
```

Border

The CSS property to change the border of an element to Hex 668A42 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
#668A42 }
```

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

```
.border{ border-color:#668A42 }
```

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

Here you see how a box with a 4 pixel #668A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668A42; -webkit-box-shadow:4px 4px  
4px 4px #668A42; box-shadow:4px 4px 4px  
4px #668A42 }
```

Background

The CSS property to change the background color of an element to Hex 668A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668A42 }
```

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

```
.background{ background-color:#668A42 }
```

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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