

# Converting Colors

Hex(668242)

Have a look what the booklet for  
Hex(668242) contains.

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**Color**

**Hex(668242)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	668242
RGB	102, 130, 66
RGB Percent	40%, 51%, 26%
CMY	0.6000, 0.4902, 0.7412
CMYK	0.22, 0.00, 0.49, 0.49
HSL	86°, 33%, 38%
HSV	86°, 49%, 51%
XYZ	14.4455, 19.1834, 8.0957
YIQ	114.3320, 3.8560, -25.8400

# Conversions

## Conversions Part 2

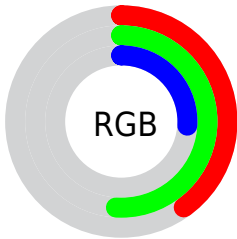
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">66, 130, 94</a>
Decimal	<a href="#">6718018</a>
CIELab	<a href="#">50.90, -21.54, 31.25</a>
CIELCh	<a href="#">51, 37.950, 124.576</a>
Yxy	<a href="#">19.1834, 0.3462, 0.4598</a>
Android (android.graphics.Color)	<a href="#">4284908098 (0xFF668242)</a>
YUV	<a href="#">114.3320, -23.8277, -10.8152</a>
Hunter-Lab	<a href="#">43.7988, -17.7761, 19.7002</a>

# Details

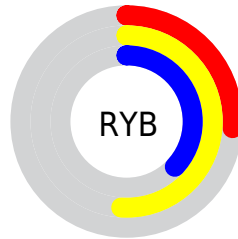
The Hex color **668242** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5E4282**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9AB773**, and **355113** is the 20% darker color. If you saturate the color by 10%, you get **608235**, and if you desaturate by 10%, it is **6C824F**.

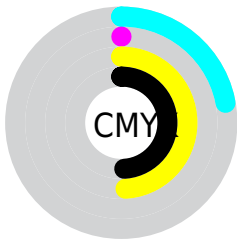
# Distribution



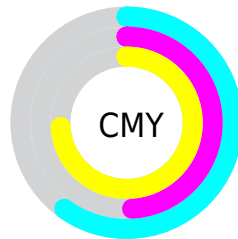
- Red (40%)
- Green (51%)
- Blue (26%)



- Red (26%)
- Yellow (51%)
- Blue (37%)



- Cyan (22%)
- Magenta (0%)
- Yellow (49%)
- Black (49%)



- Cyan (60%)
- Magenta (49%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 668242 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 668242 by changing the saturation by 10% instead.





668242



668242

FFFFFFF



4D692B



9AB773



355113



B6D38D



1E3900



D2EFA8



032400



EEFFC4



000600



FFFFE0



000000

FFFFFFD



668242



668242



608235



6C824F

■ 5B8228

■ 71825C

■ 55821B

■ 778269

■ 4F820E

■ 7D8276

■ 4A8201

■ 828283

■ 498200

■ 888290

■ 8E829D

■ 9382AA

■ 9982B7

# Harmonies

## Analogous

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



887937



668242



3B885C

# Triad

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



668242



0084B3



B55E75

# Complementary

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



668242



5E4282

# 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.



A56396



668242



4B7BBA

# Square

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



668242



00899D



826FAF



B46356

# Rectangle

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



668242



008972



826FAF



B25F80



# Sweetspot

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



668242



9DA88F



825E42



4E5445



D4D4D4



545454



# Same Dimension

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



668242



7DA845



468242



3D4039



488000



000000



# Inverse Universe

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



5E4282



7045A8



7E4282



3C3940



380080



000000



# Previews

## White Background



This preview shows how the Hex color 668242 looks on a white background.

## Color Contrast Check

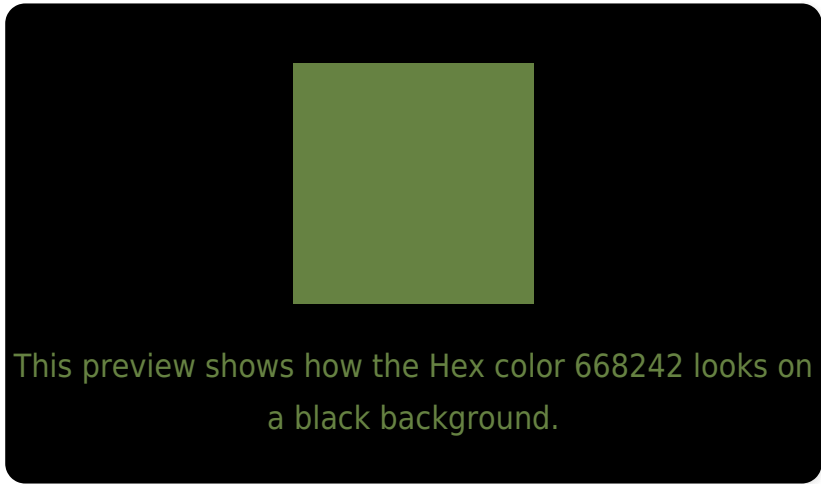
Large Text (above 18pt) WCAG AA ✓ Pass

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

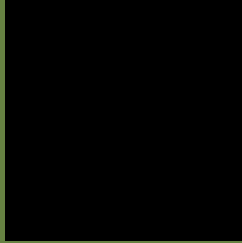
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 668242 Background



This preview shows how black text looks on a background with the Hex color 668242.



This preview shows how white text looks on a background with the Hex color 668242.

# 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**  
6F7B84

# Trichromacy



**Original Color**  
668242

**Protanomaly**  
7A7C40

**Deuteranomaly**  
837845

**Tritanomaly**  
6C7E6C

# Monochromacy



**Original Color**  
668242

**Achromatopsia**  
727272

**Achromatomaly**  
6E7861

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 668242 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 #668242 looks like.

```
.text, #text, p{  
    color:#668242  
}
```

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 #668242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668242
}
```

## Border

The CSS property to change the border of an element to Hex 668242 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
#668242 }
```

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

```
.border{ border-color:#668242 }
```

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

Here you see how a box with a 4 pixel #668242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668242; -webkit-box-shadow:4px 4px  
4px 4px #668242; box-shadow:4px 4px 4px  
4px #668242 }
```

# Background

The CSS property to change the background color of an element to Hex 668242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668242 }
```

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

```
.background{ background-color:#668242 }
```

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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