

Converting Colors

Hex(684222)

Have a look what the booklet for
Hex(684222) contains.

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Color

Hex(684222)

Conversions

Conversions Part 1

Format	Color
Hex	684222
RGB	104, 66, 34
RGB Percent	41%, 26%, 13%
CMY	0.5922, 0.7412, 0.8667
CMYK	0.00, 0.37, 0.67, 0.59
HSL	27°, 51%, 27%
HSV	27°, 67%, 41%
XYZ	7.9459, 6.9550, 2.4370
YIQ	73.7140, 32.9200, -1.8960

Conversions

Conversions Part 2

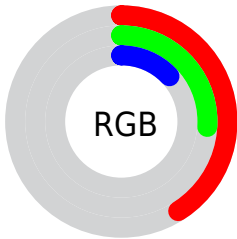
Format	Color
R_{YB}	104, 93, 34
Decimal	6832674
CIE _{Lab}	31.70, 13.01, 25.89
CIE _{LCh}	32, 28.969, 63.323
Yxy	6.9550, 0.4583, 0.4011
Android (android.graphics.Color)	4285022754 (0xFF684222)
YUV	73.7140, -19.5790, 26.5608
Hunter-Lab	26.3723, 7.6298, 12.9817

Details

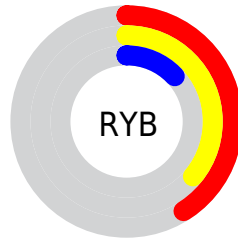
The Hex color **684222** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **224868**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9E7250**, and **361700** is the 20% darker color. If you saturate the color by 10%, you get **683C18**, and if you desaturate by 10%, it is **68482C**.

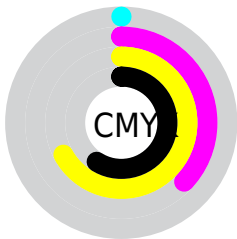
Distribution



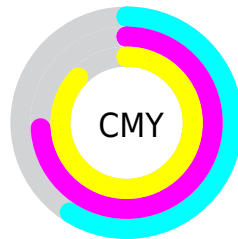
- Red (41%)
- Green (26%)
- Blue (13%)



- Red (41%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (37%)
- Yellow (67%)
- Black (59%)



- Cyan (59%)
- Magenta (74%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684222 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 684222 by changing the saturation by 10% instead.

 684222

 684222

FFFFFF

 4E2C0C

 9E7250

 361700

 BA8C68

 1E0000

 D6A681

 000000

 F4C19B

 FFDDB6

 FFFAD2

 FFFFEE

 684222

 684222

■ 683C18

■ 68482C

■ 68370D

■ 684D37

■ 683103

■ 685341

■ 683000

■ 68594C

■ 685E56

■ 686460

■ 686A6B

■ 686F75

■ 687580

Harmonies

Analogous

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



733A33



684222



554A1B

Triad

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



684222



00564C



4F4471

Complementary

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



684222



224868

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.



264C78



684222



005563

Square

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



684222



1F5435



005273



693B5F

Rectangle

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



684222



464F1F



005273



444774

Sweetspot

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



684222



87786C



682249



453C34



C4C4C4



454545

Same Dimension

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



684222



874C1A



686522



33302E



733400



F26F00

Inverse Universe

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



224868



1A5587



222568



2E3133



003E73



0084F2

Previews

White Background



This preview shows how the Hex color 684222 looks on a white background.

Color Contrast Check

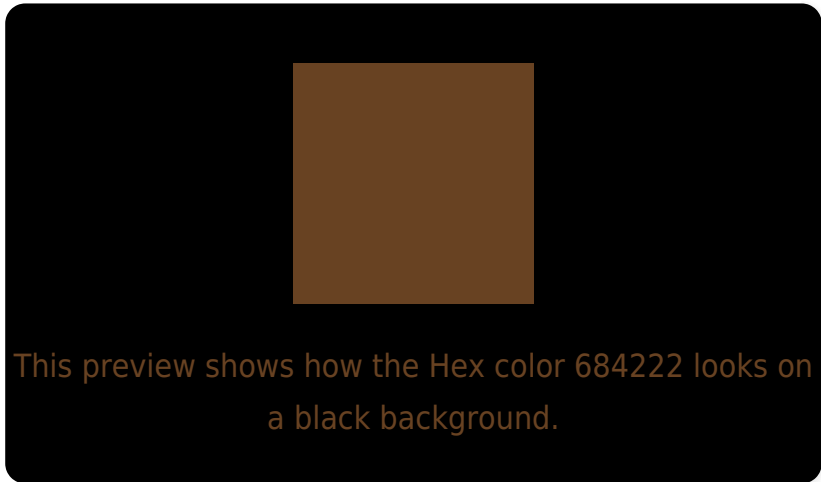
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

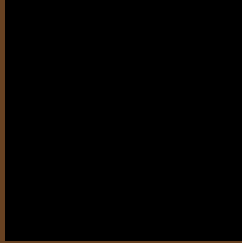
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 684222 Background



This preview shows how black text looks on a background with the Hex color 684222.



This preview shows how white text looks on a background with the Hex color 684222.

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](#).

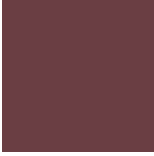
Dichromacy



Original Color
684222

Protanopia
534B25

Deuteranopia
5D4721



Tritanopia
6A3E43

Trichromacy



Original Color
684222

Protanomaly
5B4824

Deuteranomaly
614521

Tritanomaly
693F37

Monochromacy



Original Color
684222

Achromatopsia
4A4A4A

Achromatomaly
55473B

CSS Examples

Text

The CSS property to change the color of the text to Hex 684222 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 #684222 looks like.

```
.text, #text, p{  
    color:#684222  
}
```

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 #684222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684222
}
```

Border

The CSS property to change the border of an element to Hex 684222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

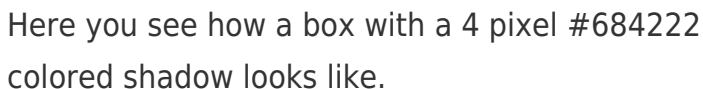
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684222 }
```

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

```
.border{ border-color:#684222 }
```

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



Here you see how a box with a 4 pixel #684222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684222; -webkit-box-shadow:4px 4px  
4px 4px #684222; box-shadow:4px 4px 4px  
4px #684222 }
```

Background

The CSS property to change the background color of an element to Hex 684222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684222 }
```

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

```
.background{ background-color:#684222 }
```

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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