

Converting Colors

Hex(688032)

Have a look what the booklet for
Hex(688032) contains.

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Color

Hex(688032)

Conversions

Conversions Part 1

Format	Color
Hex	688032
RGB	104, 128, 50
RGB Percent	41%, 50%, 20%
CMY	0.5922, 0.4980, 0.8039
CMYK	0.19, 0.00, 0.61, 0.50
HSL	78°, 44%, 35%
HSV	78°, 61%, 50%
XYZ	14.0038, 18.6117, 5.8719
YIQ	111.9320, 10.7340, -29.3460

Conversions

Conversions Part 2

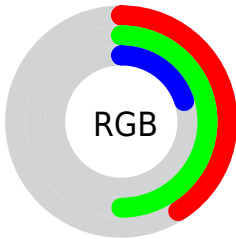
Format	Color
RYB	50, 128, 74
Decimal	6848562
CIELab	50.23, -21.39, 38.63
CIELCh	50, 44.155, 118.977
Yxy	18.6117, 0.3639, 0.4836
Android (android.graphics.Color)	4285038642 (0xFF688032)
YUV	111.9320, -30.5325, -6.9564
Hunter-Lab	43.1413, -17.5555, 22.1289

Details

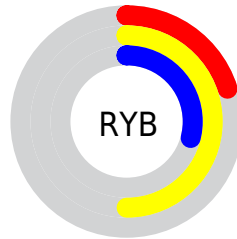
The Hex color **688032** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4A3280**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9DB564**, and **364F00** is the 20% darker color. If you saturate the color by 10%, you get **648025**, and if you desaturate by 10%, it is **6C803F**.

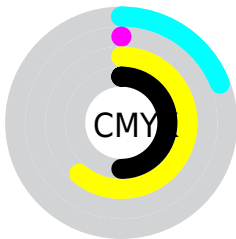
Distribution



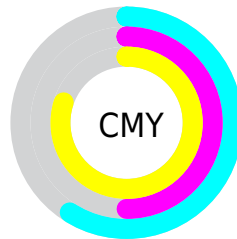
- Red (41%)
- Green (50%)
- Blue (20%)



- Red (20%)
- Yellow (50%)
- Blue (29%)



- Cyan (19%)
- Magenta (0%)
- Yellow (61%)
- Black (50%)



- Cyan (59%)
- Magenta (50%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688032 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 688032 by changing the saturation by 10% instead.

 688032

 688032

FFFFFF

 4F6719

 9DB564

 364F00

 B9D07D

 1F3800

 D5ED98

 012200

 F2FFB3

 000200

 FFFFCF

 000000

 FFFFEB

 688032

 688032

 648025

 6C803F

■ 608018

■ 70804C

■ 5C800C

■ 748058

■ 598000

■ 788065

■ 7C8072

■ 80807F

■ 84808C

■ 888098

■ 8B80A5

Harmonies

Analogous

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



8E7528



688032



35874F

Triad

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



688032



0085B7



BA567A

Complementary

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



688032



4A3280

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.



A45F9F



688032



1E7CC3

Square

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



688032



008A9B



776EB9



BB5A55

Rectangle

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



688032



008968



776EB9



B55887

Sweetspot

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



688032



9DA688



804932



4E5442



D4D4D4



545454

Same Dimension

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



688032



81A62D



428032



3E4039



588000



000000

Inverse Universe

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



4A3280



522DA6



703280



3B3940



270080



000000

Previews

White Background



This preview shows how the Hex color 688032 looks on a white background.

Color Contrast Check

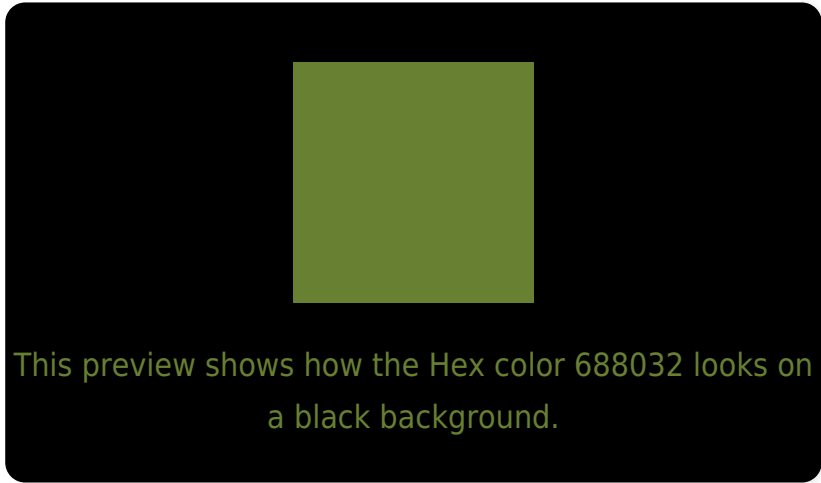
Large Text (above 18pt) WCAG AA ✓ Pass

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

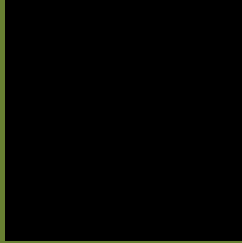
Any Text WCAG AA ✓ Pass

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 688032 Background



This preview shows how black text looks on a background with the Hex color 688032.



This preview shows how white text looks on a background with the Hex color 688032.

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
688032

Protanopia
857730

Deuteranopia
947136



Tritanopia
717881

Trichromacy



Original Color
688032

Protanomaly
7A7A31

Deuteranomaly
847635

Tritanomaly
6E7B64

Monochromacy



Original Color
688032

Achromatopsia
707070

Achromatomaly
6D7659

CSS Examples

Text

The CSS property to change the color of the text to Hex 688032 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 #688032 looks like.

```
.text, #text, p{  
    color:#688032  
}
```

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 #688032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688032
}
```

Border

The CSS property to change the border of an element to Hex 688032 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".

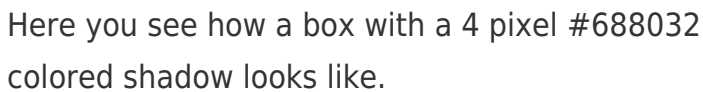
```
.border, #border, table{ border:4px solid
#688032 }
```

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

```
.border{ border-color:#688032 }
```

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

Here you see how a box with a 4 pixel #688032 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688032; -webkit-box-shadow:4px 4px  
4px 4px #688032; box-shadow:4px 4px 4px  
4px #688032 }
```

Background

The CSS property to change the background color of an element to Hex 688032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688032 }
```

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

```
.background{ background-color:#688032 }
```

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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