

Converting Colors

Hex(68700A)

Have a look what the booklet for
Hex(68700A) contains.

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Color

Hex(68700A)

Conversions

Conversions Part 1

Format	Color
Hex	68700A
RGB	104, 112, 10
RGB Percent	41%, 44%, 4%
CMY	0.5922, 0.5608, 0.9608
CMYK	0.07, 0.00, 0.91, 0.56
HSL	65°, 84%, 24%
HSV	65°, 91%, 44%
XYZ	11.5579, 14.5533, 2.4871
YIQ	97.9800, 27.9740, -33.4180

Conversions

Conversions Part 2

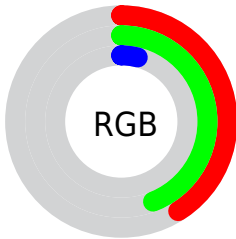
Format	Color
RYB	10, 112, 18
Decimal	6844426
CIELab	45.02, -15.29, 48.45
CIELCh	45, 50.808, 107.511
Yxy	14.5533, 0.4041, 0.5089
Android (android.graphics.Color)	4285034506 (0xFF68700A)
YUV	97.9800, -43.3741, 5.2795
Hunter-Lab	38.1488, -12.6806, 22.8388

Details

The Hex color **68700A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **120A70**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9EA443**, and **354000** is the 20% darker color. If you saturate the color by 10%, you get **677000**, and if you desaturate by 10%, it is **697015**.

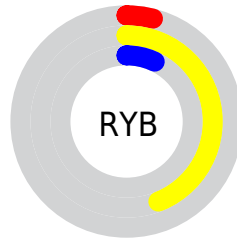
Distribution



Red (41%)

Green (44%)

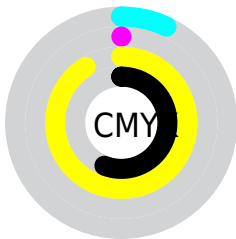
Blue (4%)



Red (4%)

Yellow (44%)

Blue (7%)

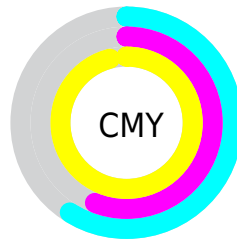


Cyan (7%)

Magenta (0%)

Yellow (91%)

Black (56%)



Cyan (59%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68700A 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 68700A by changing the saturation by 10% instead.



68700A



68700A

FFFFFF



4E5800



9EA443



354000



BABF5C



1C2A00



D7DA76



001800



F4F791



000000



FFFFAC



FFFFC8



FFFFE5



68700A



68700A

■ 677000

■ 697015

■ 6A7020

■ 6B702C

■ 6C7037

■ 6C7042

■ 6D704D

■ 6E7058

■ 6F7064

■ 70706F

Harmonies

Analogous

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



8E620C



68700A



34792D

Triad

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



68700A



007CA8



AE437E

Complementary

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



68700A



120A70

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.



8C54A4



68700A



0074BD

Square

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



68700A



007E83



4667BC



B74254

Rectangle

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



68700A



007C48



4667BC



A5488C

Sweetspot

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



68700A



8E916A



70110A



484A32



C9C9C9



4A4A4A

Same Dimension

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



68700A



869100



36700A



383832



6E7800



E4F700

Inverse Universe

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



120A70



0B0091



440A70



333238



090078



1300F7

Previews

White Background



This preview shows how the Hex color 68700A looks on a white background.

Color Contrast Check

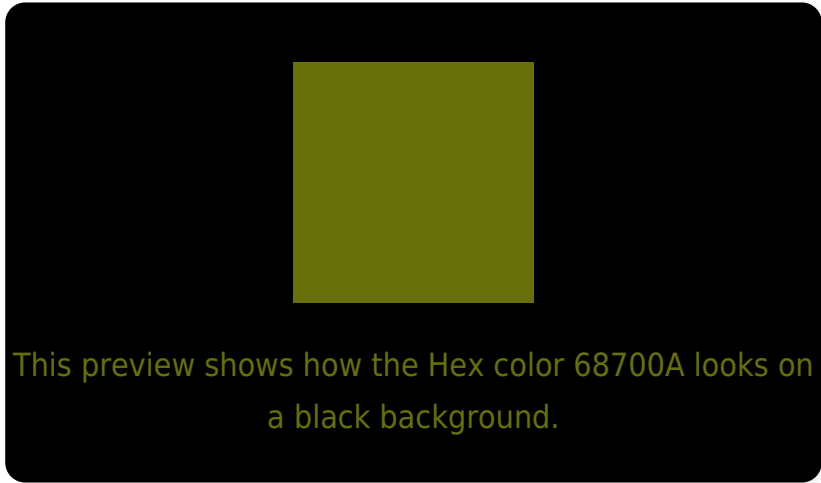
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 68700A Background



This preview shows how black text looks on a background with the Hex color 68700A.



This preview shows how white text looks on a background with the Hex color 68700A.

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
68700A

Protanopia
786B07

Deuteranopia
866514



Tritanopia
706870

Trichromacy



Original Color
68700A

Protanomaly
726D08

Deuteranomaly
7B6910

Tritanomaly
6D6B4B

Monochromacy



Original Color
68700A

Achromatopsia
626262

Achromatomaly
646742

CSS Examples

Text

The CSS property to change the color of the text to Hex 68700A 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 #68700A looks like.

```
.text, #text, p{  
    color:#68700A  
}
```

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 #68700A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68700A }  
}
```

Border

The CSS property to change the border of an element to Hex 68700A 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 #68700A }  
}
```

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

```
.border{ border-color:#68700A }
```

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

Here you see how a box with a 4 pixel #68700A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68700A; -webkit-box-shadow:4px 4px  
4px 4px #68700A; box-shadow:4px 4px 4px  
4px #68700A }
```

Background

The CSS property to change the background color of an element to Hex 68700A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68700A }
```

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

```
.background{ background-color:#68700A }
```

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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