

Converting Colors

Hex(68600A)

Have a look what the booklet for
Hex(68600A) contains.

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Color

Hex(68600A)

Conversions

Conversions Part 1

Format	Color
Hex	68600A
RGB	104, 96, 10
RGB Percent	41%, 38%, 4%
CMY	0.5922, 0.6235, 0.9608
CMYK	0.00, 0.08, 0.90, 0.59
HSL	55°, 82%, 22%
HSV	55°, 90%, 41%
XYZ	9.9466, 11.3307, 1.9500
YIQ	88.5880, 32.3740, -25.0500

Conversions

Conversions Part 2

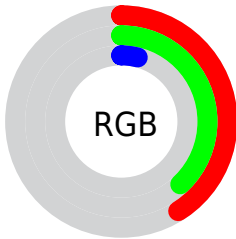
Format	Color
R_{YB}	19, 104, 10
Decimal	6840330
CIE Lab	40.13, -6.33, 44.45
CIE LCh	40, 44.901, 98.100
Yxy	11.3307, 0.4282, 0.4878
Android (android.graphics.Color)	4285030410 (0xFF68600A)
YUV	88.5880, -38.7439, 13.5163
Hunter-Lab	33.6611, -6.1617, 20.1282

Details

The Hex color **68600A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0A1268**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9E9240**, and **353200** is the 20% darker color. If you saturate the color by 10%, you get **685F00**, and if you desaturate by 10%, it is **686114**.

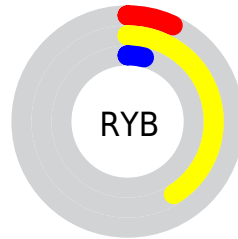
Distribution



Red (41%)

Green (38%)

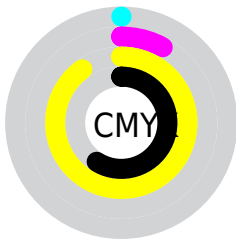
Blue (4%)



Red (7%)

Yellow (41%)

Blue (4%)

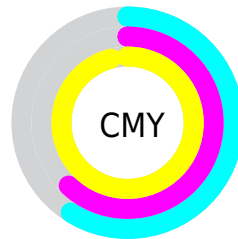


Cyan (0%)

Magenta (8%)

Yellow (90%)

Black (59%)



Cyan (59%)

Magenta (62%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68600A 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 68600A by changing the saturation by 10% instead.

 68600A

 68600A

FFFFFFD

 4E4800

 9E9240

 353200

 BAAD59

 1D1D00

 D7C872

 000100

 F4E48D

 000000

 FFFFA8

 FFFFC3

 FFFFEO

 68600A

 68600A

■ 685F00

■ 686114

■ 68621F

■ 686329

■ 686434

■ 68643E

■ 686548

■ 686653

■ 68675D

■ 686868

Harmonies

Analogous

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



875317



68600A



416920

Triad

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



68600A



006F8B



92417B

Complementary

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



68600A



0A1268

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.



6D5099



68600A



006AA2

Square

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



68600A



007068



1C60A7



A13B56

Rectangle

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



68600A



166D36



1C60A7



894686

Sweetspot

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



68600A



878463



680A13



45432F



C4C4C4



454545

Same Dimension

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



68600A



877C00



42680A



33332E



736900



F2DE00

Inverse Universe

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



0A1268



000C87



300A68



2E2E33



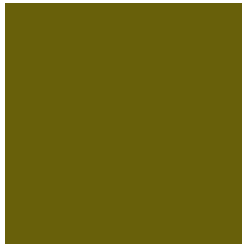
000A73



0015F2

Previews

White Background



This preview shows how the Hex color 68600A looks on a white background.

Color Contrast Check

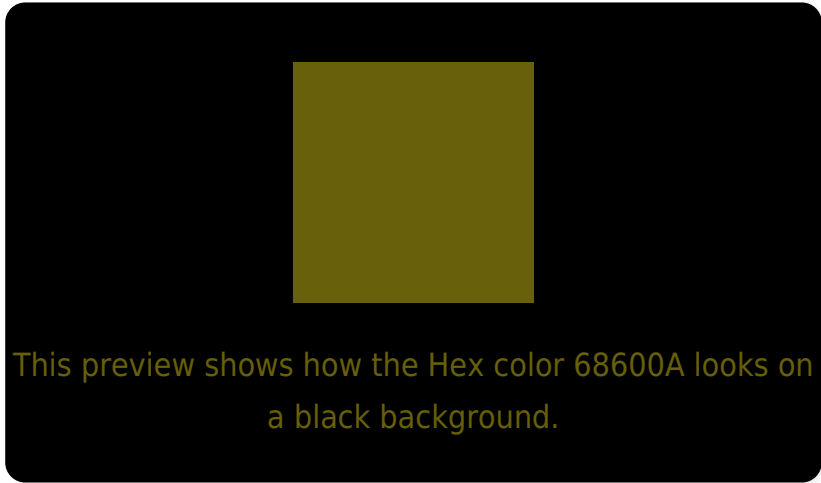
Large Text (above 18pt) WCAG AA ✓ Pass

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

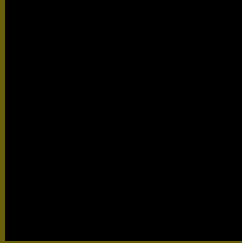
Any Text WCAG AA × Fail

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 68600A Background



This preview shows how black text looks on a background with the Hex color 68600A.



This preview shows how white text looks on a background with the Hex color 68600A.

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
68600A

Protanopia
6B5F0A

Deuteranopia
785A10



Tritanopia
6E5960

Trichromacy



Original Color
68600A

Protanomaly
6A5F0A

Deuteranomaly
725C0E

Tritanomaly
6C5C41

Monochromacy



Original Color
68600A

Achromatopsia
595959

Achromatomaly
5E5C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 68600A 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 #68600A looks like.

```
.text, #text, p{  
    color:#68600A  
}
```

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 #68600A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68600A
}
```

Border

The CSS property to change the border of an element to Hex 68600A 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
#68600A }
```

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

```
.border{ border-color:#68600A }
```

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

Here you see how a box with a 4 pixel #68600A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68600A; -webkit-box-shadow:4px 4px  
4px 4px #68600A; box-shadow:4px 4px 4px  
4px #68600A }
```

Background

The CSS property to change the background color of an element to Hex 68600A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68600A }
```

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

```
.background{ background-color:#68600A }
```

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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