

Converting Colors

Hex(682A08)

Have a look what the booklet for
Hex(682A08) contains.

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Color

Hex(682A08)

Conversions

Conversions Part 1

Format	Color
Hex	682A08
RGB	104, 42, 8
RGB Percent	41%, 16%, 3%
CMY	0.5922, 0.8353, 0.9686
CMYK	0.00, 0.60, 0.92, 0.59
HSL	21°, 86%, 22%
HSV	21°, 92%, 41%
XYZ	6.5807, 4.6165, 0.7740
YIQ	56.6620, 47.8660, 2.5700

Conversions

Conversions Part 2

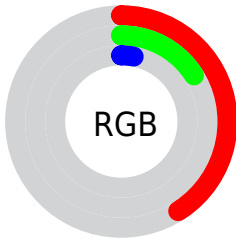
Format	Color
RYB	104, 61, 8
Decimal	6826504
CIELab	25.61, 25.95, 33.09
CIELCh	26, 42.049, 51.900
Yxy	4.6165, 0.5497, 0.3856
Android (android.graphics.Color)	4285016584 (0xFF682A08)
YUV	56.6620, -23.9904, 41.5154
Hunter-Lab	21.4861, 17.0700, 12.9045

Details

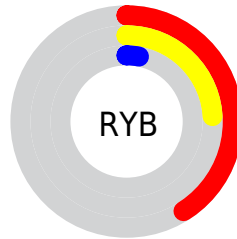
The Hex color **682A08** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **084668**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A05935**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **682500**, and if you desaturate by 10%, it is **683112**.

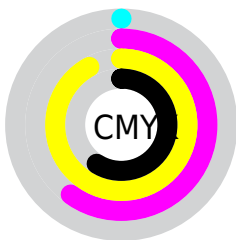
Distribution



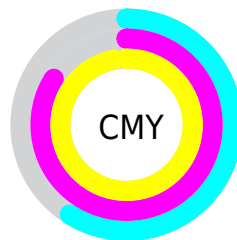
- Red (41%)
- Green (16%)
- Blue (3%)



- Red (41%)
- Yellow (24%)
- Blue (3%)



- Cyan (0%)
- Magenta (60%)
- Yellow (92%)
- Black (59%)



- Cyan (59%)
- Magenta (84%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682A08 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 682A08 by changing the saturation by 10% instead.

 682A08

 682A08

 FFFFEC

 4D1300

 A05935

 320000

 BD724D

 110000

 DB8C65

 000000

 F9A77F

 FFC299

 FFDEB4

 FFFBD0

 682A08

 682A08

■ 682500

■ 683112

■ 68371D

■ 683E27

■ 684532

■ 684C3C

■ 685246

■ 685951

■ 68605B

■ 686666

Harmonies

Analogous

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



741B27



682A08



523800

Triad

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



682A08



004A33



263878

Complementary

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



682A08



084668

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.



00437C



682A08



004B54

Square

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



682A08



004811



00496F



5A2864

Rectangle

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



682A08



403F00



00496F



003C7C

Sweetspot

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



682A08



876F61



680846



45362D



C4C4C4



454545

Same Dimension

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



682A08



873000



685A08



33302E



732900



F25600

Inverse Universe

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



084668



005787



081668



2E3133



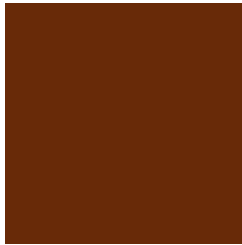
004A73



009CF2

Previews

White Background



This preview shows how the Hex color 682A08 looks on a white background.

Color Contrast Check

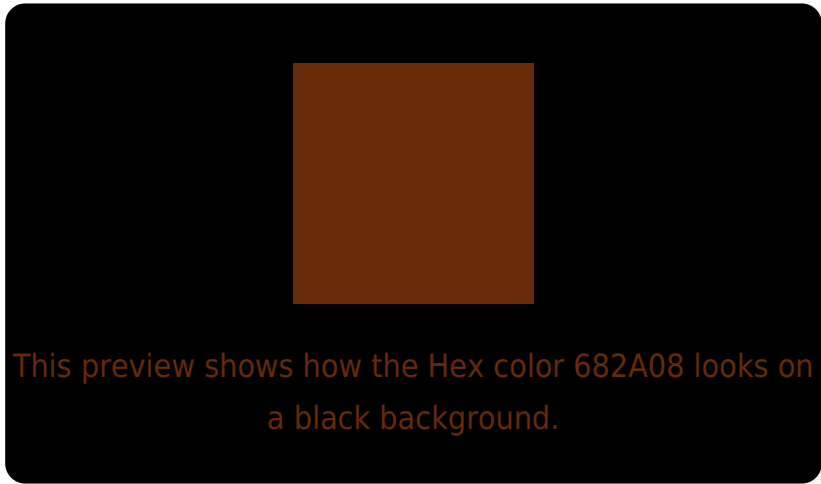
Large Text (above 18pt) WCAG AA ✓ Pass

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

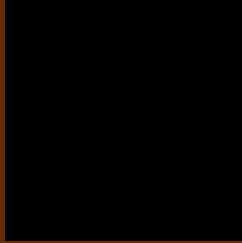
Any Text WCAG AA × Fail

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 682A08 Background



This preview shows how black text looks on a background with the Hex color 682A08.



This preview shows how white text looks on a background with the Hex color 682A08.

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
682A08

Protanopia
463E0E

Deuteranopia
4E3B00



Tritanopia
69272A

Trichromacy



Original Color
682A08

Protanomaly
52370C

Deuteranomaly
573503

Tritanomaly
69281E

Monochromacy



Original Color
682A08

Achromatopsia
393939

Achromatomaly
4A3427

CSS Examples

Text

The CSS property to change the color of the text to Hex 682A08 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 #682A08 looks like.

```
.text, #text, p{  
    color:#682A08  
}
```

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 #682A08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682A08
}
```

Border

The CSS property to change the border of an element to Hex 682A08 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".

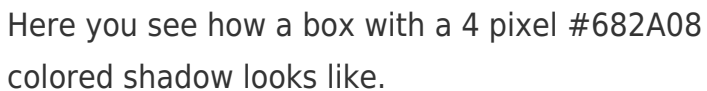
```
.border, #border, table{ border:4px solid
#682A08 }
```

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

```
.border{ border-color:#682A08 }
```

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

Here you see how a box with a 4 pixel #682A08 colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #682A08 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682A08; -webkit-box-shadow:4px 4px  
4px 4px #682A08; box-shadow:4px 4px 4px  
4px #682A08 }
```

Background

The CSS property to change the background color of an element to Hex 682A08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682A08 }
```

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

```
.background{ background-color:#682A08 }
```

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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