

Converting Colors

Hex(680A18)

Have a look what the booklet for
Hex(680A18) contains.

Hex(680A18)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(680A18)

Conversions

Conversions Part 1

Format	Color
Hex	680A18
RGB	104, 10, 24
RGB Percent	41%, 4%, 9%
CMY	0.5922, 0.9608, 0.9059
CMYK	0.00, 0.90, 0.77, 0.59
HSL	351°, 82%, 22%
HSV	351°, 90%, 41%
XYZ	5.9823, 3.2261, 1.1715
YIQ	39.7020, 51.5300, 24.2820

Conversions

Conversions Part 2

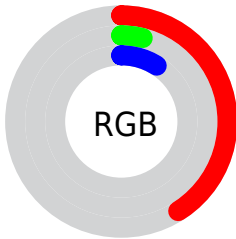
Format	Color
R_{YB}	104, 10, 24
Decimal	6818328
CIE _{Lab}	20.93, 39.72, 19.51
CIE _{LCh}	21, 44.255, 26.165
Yxy	3.2261, 0.5763, 0.3108
Android (android.graphics.Color)	4285008408 (0xFF680A18)
YUV	39.7020, -7.7411, 56.3893
Hunter-Lab	17.9613, 28.0203, 8.7057

Details

The Hex color **680A18** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0A685A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **A14243**, and **330001** is the 20% darker color. If you saturate the color by 10%, you get **68000F**, and if you desaturate by 10%, it is **681421**.

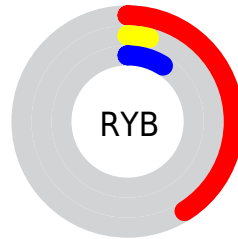
Distribution



Red (41%)

Green (4%)

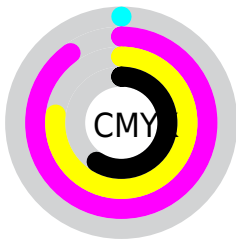
Blue (9%)



Red (41%)

Yellow (4%)

Blue (9%)

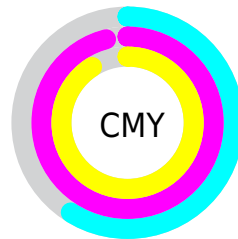


Cyan (0%)

Magenta (90%)

Yellow (77%)

Black (59%)



Cyan (59%)

Magenta (96%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680A18 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 680A18 by changing the saturation by 10% instead.

 680A18

 680A18

 FFFFFA

 4D0000

 A14243

 330001

 BE5B5A

 020000

 DC7573

 000000

 FA908C

 FFABA7

 FFC7C2

 FFE3DE

 680A18

 680A18

■ 68000F

■ 681421

■ 681F2A

■ 682933

■ 68343B

■ 683E44

■ 68484D

■ 685356

■ 685D5F

■ 686868

Harmonies

Analogous

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



680138



680A18



5B2000

Triad

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



680A18



003D09



003874

Complementary

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



680A18



0A685A

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.



003E69



680A18



00402D

Square

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



680A18



243900



00404E



222C6E

Rectangle

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



680A18



4B2B00



00404E



003B72

Sweetspot

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



680A18



876368



5A0A68



452F32



C4C4C4



454545

Same Dimension

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



680A18



870014



682B0A



332E2F



730011



F20024

Inverse Universe

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



680A18



870014



0A4768



332E2F



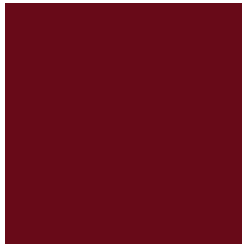
730011



F20024

Previews

White Background



This preview shows how the Hex color 680A18 looks on a white background.

Color Contrast Check

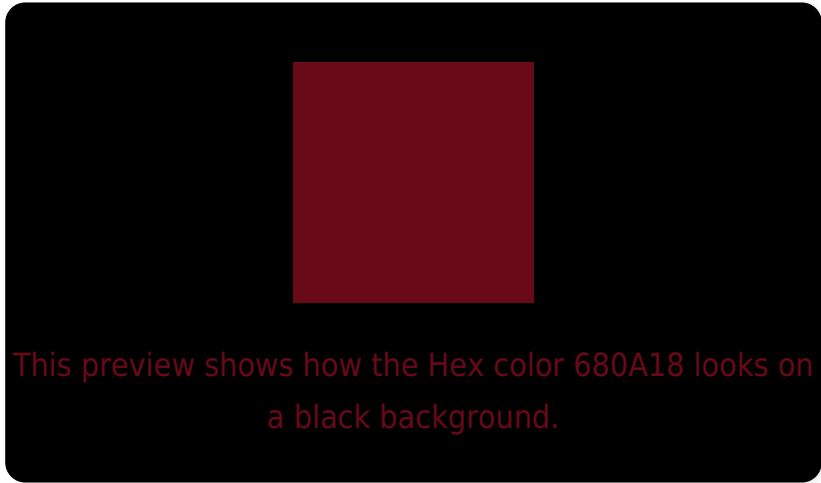
Large Text (above 18pt) WCAG AA ✓ Pass

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 680A18 Background



This preview shows how black text looks on a background with the Hex color 680A18.

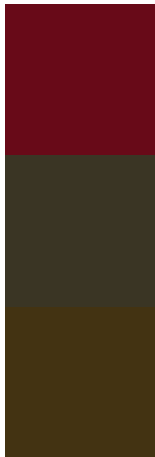


This preview shows how white text looks on a background with the Hex color 680A18.

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
680A18

Protanopia
3A3524

Deuteranopia
433312



Tritanopia
680D0B

Trichromacy



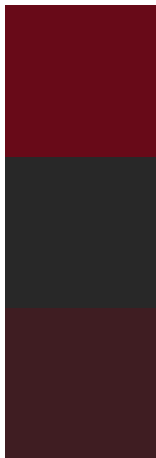
Original Color
680A18

Protanomaly
4B2520

Deuteranomaly
502414

Tritanomaly
680C10

Monochromacy



Original Color
680A18

Achromatopsia
282828

Achromatomaly
3F1D22

CSS Examples

Text

The CSS property to change the color of the text to Hex 680A18 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 #680A18 looks like.

```
.text, #text, p{  
    color:#680A18  
}
```

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 #680A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680A18
}
```

Border

The CSS property to change the border of an element to Hex 680A18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

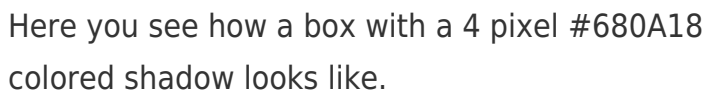
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680A18 }
```

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

```
.border{ border-color:#680A18 }
```

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



Here you see how a box with a 4 pixel #680A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680A18; -webkit-box-shadow:4px 4px  
4px 4px #680A18; box-shadow:4px 4px 4px  
4px #680A18 }
```

Background

The CSS property to change the background color of an element to Hex 680A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680A18 }
```

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

```
.background{ background-color:#680A18 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor