

Converting Colors

Hex(680A45)

Have a look what the booklet for
Hex(680A45) contains.

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Color

Hex(680A45)

Conversions

Conversions Part 1

Format	Color
Hex	680A45
RGB	104, 10, 69
RGB Percent	41%, 4%, 27%
CMY	0.5922, 0.9608, 0.7294
CMYK	0.00, 0.90, 0.34, 0.59
HSL	322°, 82%, 22%
HSV	322°, 90%, 41%
XYZ	6.8916, 3.5898, 5.9599
YIQ	44.8320, 37.0850, 38.2770

Conversions

Conversions Part 2

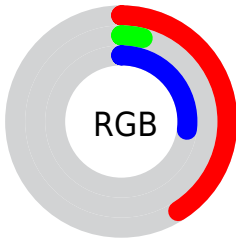
Format	Color
R_{YB}	104, 10, 69
Decimal	6818373
CIE _{Lab}	22.27, 43.56, -9.96
CIE _{LCh}	22, 44.680, 347.118
Yxy	3.5898, 0.4192, 0.2183
Android (android.graphics.Color)	4285008453 (0xFF680A45)
YUV	44.8320, 11.9148, 51.8903
Hunter-Lab	18.9468, 31.7701, -5.3875

Details

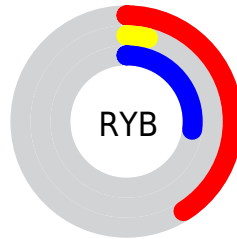
The Hex color **680A45** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0A682D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9F4375**, and **36001A** is the 20% darker color. If you saturate the color by 10%, you get **680041**, and if you desaturate by 10%, it is **681449**.

Distribution



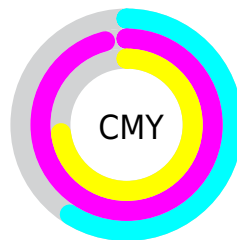
- Red (41%)
- Green (4%)
- Blue (27%)



- Red (41%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (90%)
- Yellow (34%)
- Black (59%)



- Cyan (59%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680A45 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 680A45 by changing the saturation by 10% instead.



680A45



680A45

FFFFFF



4E002F



9F4375



36001A



BB5D8F



160000



D878A9



000000



F592C5



FFAEE1



FFCAFD



FFE6FF



680A45



680A45

■ 680041

■ 681449

■ 681F4D

■ 682951

■ 683454

■ 683E58

■ 68485C

■ 685360

■ 685D64

■ 686868

Harmonies

Analogous

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



4D2163



680A45



6E0724

Triad

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



680A45



313900



004266

Complementary

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



680A45



0A682D

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.



004348



680A45



004000

Square

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



680A45



4E2F00



004225



003D77

Rectangle

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



680A45



68160E



004225



00435D

Sweetspot

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



680A45



87637A



2C0A68



452F3D



C4C4C4



454545

Same Dimension

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



680A45



870055



680A17



332E31



730048



F20098

Inverse Universe

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



680A45



870055



0A685B



332E31



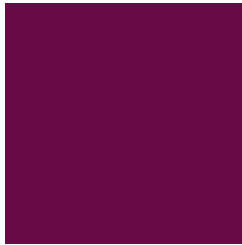
730048



F20098

Previews

White Background



This preview shows how the Hex color 680A45 looks on a white background.

Color Contrast Check

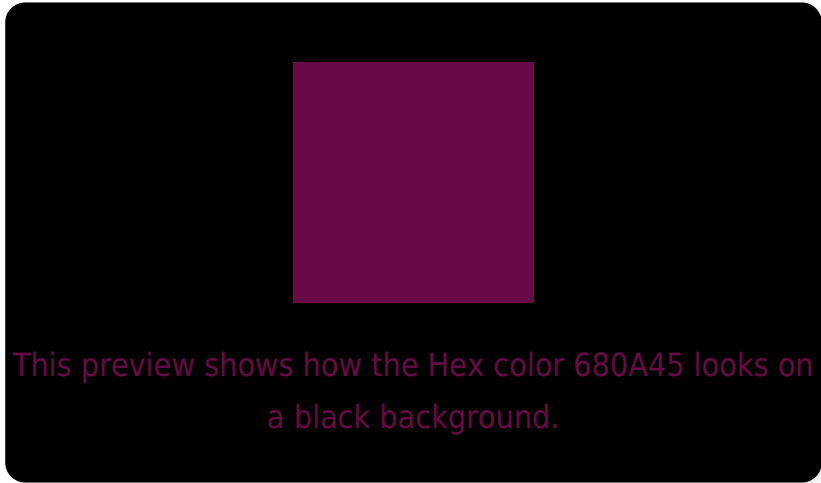
Large Text (above 18pt) WCAG AA ✓ Pass

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

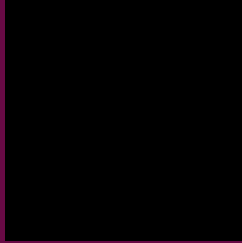
Any Text WCAG AA × Fail

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 680A45 Background



This preview shows how black text looks on a background with the Hex color 680A45.



This preview shows how white text looks on a background with the Hex color 680A45.

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
680A45

Protanopia
253761

Deuteranopia
393640



Tritanopia
651C1E

Trichromacy



Original Color
680A45

Protanomaly
3D2757

Deuteranomaly
4A2642

Tritanomaly
66152C

Monochromacy



Original Color
680A45

Achromatopsia
2D2D2D

Achromatomaly
422036

CSS Examples

Text

The CSS property to change the color of the text to Hex 680A45 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 #680A45 looks like.

```
.text, #text, p{  
    color:#680A45  
}
```

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 #680A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680A45
}
```

Border

The CSS property to change the border of an element to Hex 680A45 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".

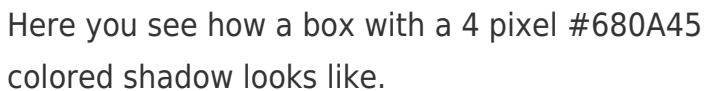
```
.border, #border, table{ border:4px solid
#680A45 }
```

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

```
.border{ border-color:#680A45 }
```

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

Here you see how a box with a 4 pixel #680A45 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680A45; -webkit-box-shadow:4px 4px  
4px 4px #680A45; box-shadow:4px 4px 4px  
4px #680A45 }
```

Background

The CSS property to change the background color of an element to Hex 680A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680A45 }
```

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

```
.background{ background-color:#680A45 }
```

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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