

Converting Colors

Hex(680D30)

Have a look what the booklet for
Hex(680D30) contains.

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Color

Hex(680D30)

Conversions

Conversions Part 1

Format	Color
Hex	680D30
RGB	104, 13, 48
RGB Percent	41%, 5%, 19%
CMY	0.5922, 0.9490, 0.8118
CMYK	0.00, 0.87, 0.54, 0.59
HSL	337°, 78%, 23%
HSV	337°, 88%, 41%
XYZ	6.3863, 3.4443, 3.1245
YIQ	44.1990, 43.0010, 30.1770

Conversions

Conversions Part 2

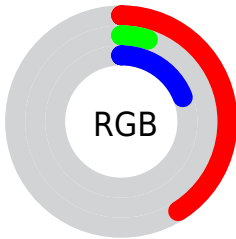
Format	Color
R_{YB}	104, 13, 48
Decimal	6819120
CIE _{Lab}	21.74, 40.59, 3.84
CIE _{LCh}	22, 40.771, 5.406
Yxy	3.4443, 0.4930, 0.2659
Android (android.graphics.Color)	4285009200 (0xFF680D30)
YUV	44.1990, 1.8739, 52.4455
Hunter-Lab	18.5588, 28.9463, 3.0093

Details

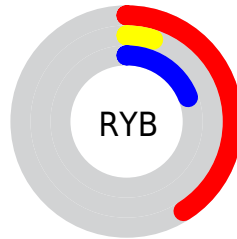
The Hex color **680D30** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0D6845**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **9F445E**, and **360001** is the 20% darker color. If you saturate the color by 10%, you get **68032A**, and if you desaturate by 10%, it is **681736**.

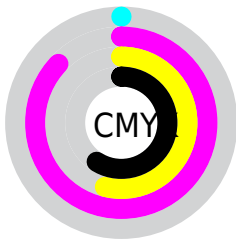
Distribution



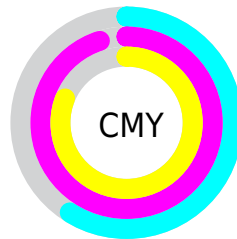
- Red (41%)
- Green (5%)
- Blue (19%)



- Red (41%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (87%)
- Yellow (54%)
- Black (59%)



- Cyan (59%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680D30 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 680D30 by changing the saturation by 10% instead.

 680D30

 680D30

FFFFFF

 4D001B

 9F445E

 360001

 BC5E76

 0D0000

 D97890

 000000

 F792AA

 FFAEC6

 FFCAE2

 FFE6FE

 680D30

 680D30

■ 68032A

■ 681736

■ 680028

■ 68223D

■ 682C43

■ 68374A

■ 684150

■ 684B56

■ 68565D

■ 686063

■ 686B6A

Harmonies

Analogous

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



5C184E



680D30



641913

Triad

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



680D30



1C3C00



003E6B

Complementary

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



680D30



0D6845

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.



004157



680D30



004019

Square

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



680D30



3C3500



004139



003671

Rectangle

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



680D30



5B2400



004139



003F66

Sweetspot

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



680D30



876472



440D68



453038



C4C4C4



454545

Same Dimension

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



680D30



870034



68160D



332E30



73002C



F2005D

Inverse Universe

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



680D30



870034



0D5F68



332E30



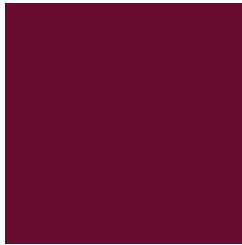
73002C



F2005D

Previews

White Background



This preview shows how the Hex color 680D30 looks on a white background.

Color Contrast Check

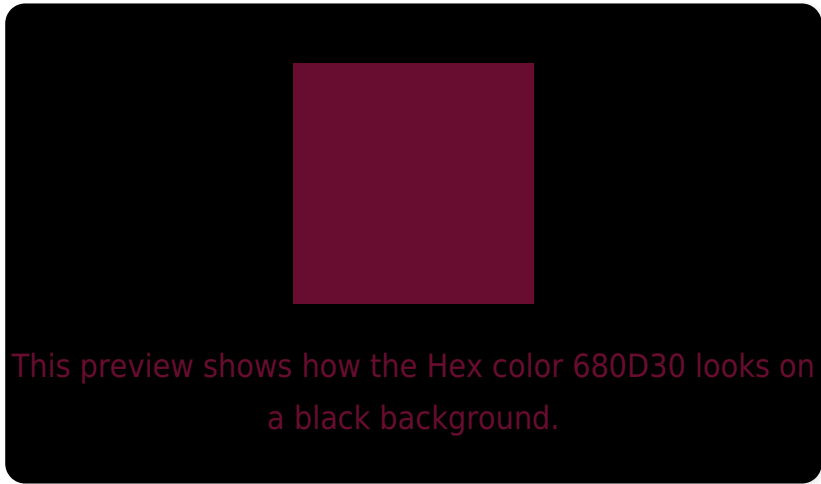
Large Text (above 18pt) WCAG AA ✓ Pass

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

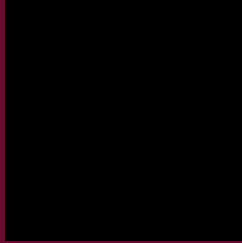
Any Text WCAG AA × Fail

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 680D30 Background



This preview shows how black text looks on a background with the Hex color 680D30.



This preview shows how white text looks on a background with the Hex color 680D30.

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
680D30

Protanopia
333644

Deuteranopia
40342C



Tritanopia
671616

Trichromacy



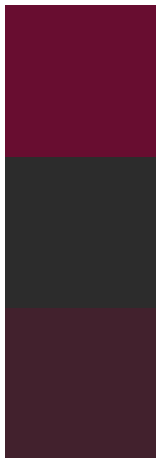
Original Color
680D30

Protanomaly
46273D

Deuteranomaly
4F262D

Tritanomaly
67131F

Monochromacy



Original Color
680D30

Achromatopsia
2C2C2C

Achromatomaly
42212D

CSS Examples

Text

The CSS property to change the color of the text to Hex 680D30 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 #680D30 looks like.

```
.text, #text, p{  
    color:#680D30  
}
```

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 #680D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680D30
}
```

Border

The CSS property to change the border of an element to Hex 680D30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

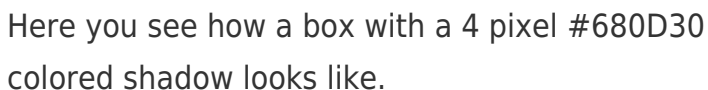
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680D30 }
```

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

```
.border{ border-color:#680D30 }
```

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



Here you see how a box with a 4 pixel #680D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680D30; -webkit-box-shadow:4px 4px  
4px 4px #680D30; box-shadow:4px 4px 4px  
4px #680D30 }
```

Background

The CSS property to change the background color of an element to Hex 680D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680D30 }
```

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

```
.background{ background-color:#680D30 }
```

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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