

Converting Colors

Hex(683A30)

Have a look what the booklet for
Hex(683A30) contains.

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Color

Hex(683A30)

Conversions

Conversions Part 1

Format	Color
Hex	683A30
RGB	104, 58, 48
RGB Percent	41%, 23%, 19%
CMY	0.5922, 0.7725, 0.8118
CMYK	0.00, 0.44, 0.54, 0.59
HSL	11°, 37%, 30%
HSV	11°, 54%, 41%
XYZ	7.7555, 6.1826, 3.5809
YIQ	70.6140, 30.6260, 6.6420

Conversions

Conversions Part 2

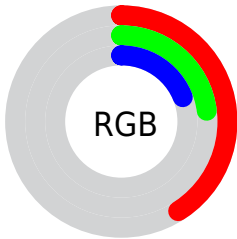
Format	Color
R_{YB}	104, 60, 48
Decimal	6830640
CIE Lab	29.87, 19.16, 15.01
CIE LCh	30, 24.335, 38.070
Yxy	6.1826, 0.4427, 0.3529
Android (android.graphics.Color)	4285020720 (0xFF683A30)
YUV	70.6140, -11.1487, 29.2795
Hunter-Lab	24.8648, 12.1619, 8.8667

Details

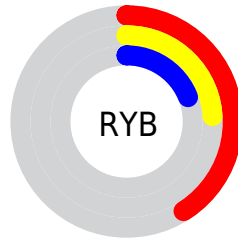
The Hex color **683A30** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **305E68**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9E6A5E**, and **360E01** is the 20% darker color. If you saturate the color by 10%, you get **683126**, and if you desaturate by 10%, it is **68433A**.

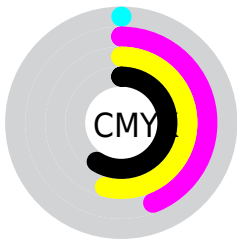
Distribution



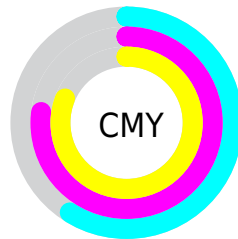
- Red (41%)
- Green (23%)
- Blue (19%)



- Red (41%)
- Yellow (24%)
- Blue (19%)



- Cyan (0%)
- Magenta (44%)
- Yellow (54%)
- Black (59%)



- Cyan (59%)
- Magenta (77%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683A30 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 683A30 by changing the saturation by 10% instead.

 683A30

 683A30

FFFFFF

 4E241B

 9E6A5E

 360E01

 B98377

 200001

 D69E91

 000000

 F3B9AB

 FFD4C6

 FFF1E2

 683A30

 683A30

 683126

 68433A

■ 68291B

■ 684B45

■ 682011

■ 68544F

■ 681806

■ 685C5A

■ 681300

■ 686564

■ 686D6E

■ 687679

■ 687E83

■ 68878E

Harmonies

Analogous

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



6A3742



683A30



5D4023

Triad

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



683A30



1F4F38



31476C

Complementary

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



683A30



305E68

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.



004C69



683A30



00504B

Square

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



683A30



394C28



004F5D



4F3F64

Rectangle

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



683A30



534520



004F5D



24496C

Sweetspot

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



683A30



877572



68305F



453A38



C4C4C4



454545

Same Dimension

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



683A30



873F2F



685530



332F2E



731400



F22B00

Inverse Universe

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



305E68



2F7787



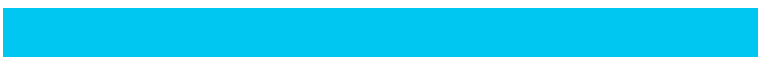
304368



2E3233



005E73



00C7F2

Previews

White Background



This preview shows how the Hex color 683A30 looks on a white background.

Color Contrast Check

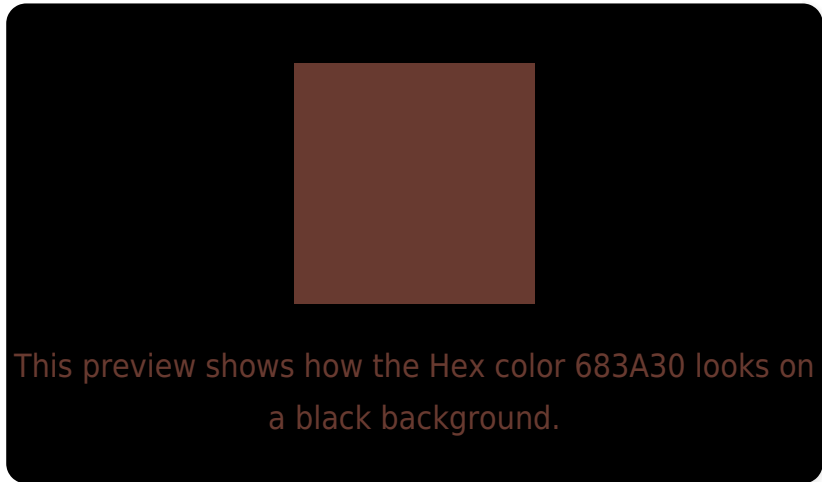
Large Text (above 18pt) WCAG AA ✓ Pass

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 683A30 Background



This preview shows how black text looks on a background with the Hex color 683A30.

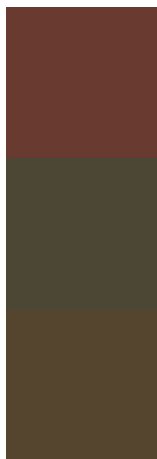


This preview shows how white text looks on a background with the Hex color 683A30.

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
683A30

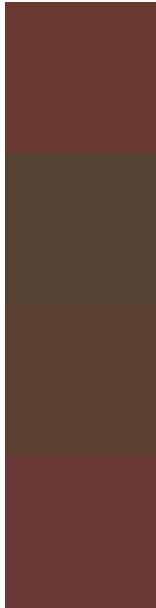
Protanopia
4C4735

Deuteranopia
55442E



Tritanopia
69383C

Trichromacy



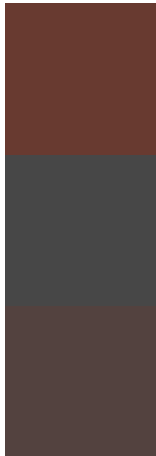
Original Color
683A30

Protanomaly
564233

Deuteranomaly
5C402F

Tritanomaly
693938

Monochromacy



Original Color
683A30

Achromatopsia
474747

Achromatomaly
53423F

CSS Examples

Text

The CSS property to change the color of the text to Hex 683A30 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 #683A30 looks like.

```
.text, #text, p{  
    color:#683A30  
}
```

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 #683A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683A30
}
```

Border

The CSS property to change the border of an element to Hex 683A30 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
#683A30 }
```

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

```
.border{ border-color:#683A30 }
```

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

Here you see how a box with a 4 pixel #683A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683A30; -webkit-box-shadow:4px 4px  
4px 4px #683A30; box-shadow:4px 4px 4px  
4px #683A30 }
```

Background

The CSS property to change the background color of an element to Hex 683A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683A30 }
```

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

```
.background{ background-color:#683A30 }
```

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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