

Converting Colors

Hex(713B00)

Have a look what the booklet for
Hex(713B00) contains.

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Color

Hex(713B00)

Conversions

Conversions Part 1

Format	Color
Hex	713B00
RGB	113, 59, 0
RGB Percent	44%, 23%, 0%
CMY	0.5569, 0.7686, 1.0000
CMYK	0.00, 0.48, 1.00, 0.56
HSL	31°, 100%, 22%
HSV	31°, 100%, 44%
XYZ	8.3740, 6.6386, 0.8400
YIQ	68.4200, 51.1230, -6.9010

Conversions

Conversions Part 2

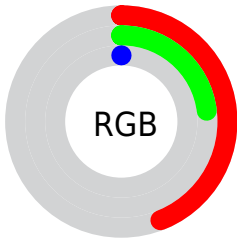
Format	Color
R_{YB}	103, 113, 0
Decimal	7420672
CIE _{Lab}	30.97, 20.03, 41.38
CIE _{LCh}	31, 45.974, 64.171
Yxy	6.6386, 0.5282, 0.4188
Android (android.graphics.Color)	4285610752 (0xFF713B00)
YUV	68.4200, -33.7311, 39.0967
Hunter-Lab	25.7656, 12.9242, 16.1029

Details

The Hex color **713B00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003671**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **AA6B32**, and **3B0F00** is the 20% darker color. If you saturate the color by 10%, you get **713B00**, and if you desaturate by 10%, it is **71400B**.

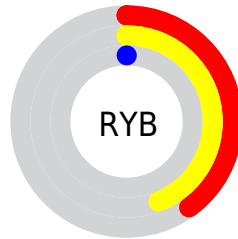
Distribution



Red (44%)

Green (23%)

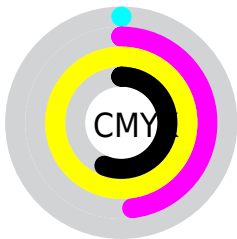
Blue (0%)



Red (40%)

Yellow (44%)

Blue (0%)

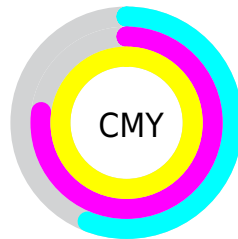


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (56%)



Cyan (56%)


Magenta (77%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 713B00 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 713B00 by changing the saturation by 10% instead.

 713B00

 713B00

 FFFFEA

 562500

 AA6B32

 3B0F00

 C7844A

 240000

 E59E63


 000000

 FFB97C

 FFD597

 FFF2B2

 FFFFCE

 713B00

■ 71400B

■ 714617

■ 714B22

■ 71512D

■ 715639

■ 715B44

■ 71614F

■ 71665A

■ 716C66

Harmonies

Analogous

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



842A23



713B00



554900

Triad

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



713B00



00594D



4E3D85

Complementary

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



713B00



003671

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.



004C91



713B00



005871

Square

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



713B00



005728



00558A



772A69

Rectangle

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



713B00



3D5000



00558A



38428B

Sweetspot

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



713B00



947F68



710037



4A3D2F



C9C9C9



4A4A4A

Same Dimension

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



713B00



944D00



6F7100



383532



783F00



F78100

Inverse Universe

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



003671



004794



020071



323538



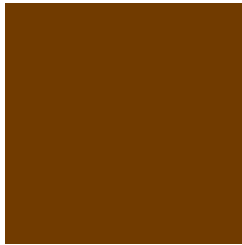
003978



0076F7

Previews

White Background



This preview shows how the Hex color 713B00 looks on a white background.

Color Contrast Check

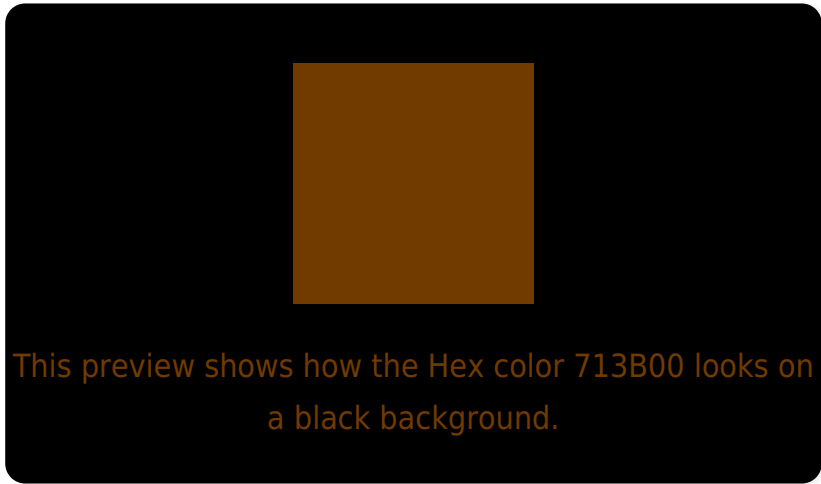
Large Text (above 18pt) WCAG AA ✓ Pass

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

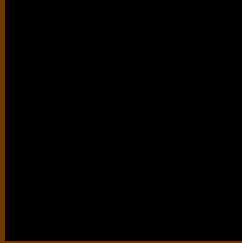
Any Text WCAG AA × Fail

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 713B00 Background



This preview shows how black text looks on a background with the Hex color 713B00.



This preview shows how white text looks on a background with the Hex color 713B00.

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
713B00

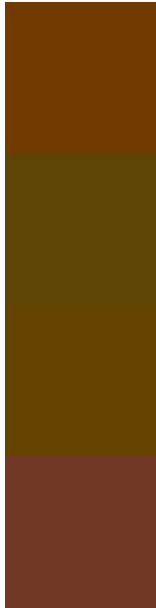
Protanopia
534A0A

Deuteranopia
5D4600



Tritanopia
73373B

Trichromacy



Original Color
713B00

Protanomaly
5E4506

Deuteranomaly
644200

Tritanomaly
723826

Monochromacy



Original Color
713B00

Achromatopsia
444444

Achromatomaly
54412B

CSS Examples

Text

The CSS property to change the color of the text to Hex 713B00 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 #713B00 looks like.

```
.text, #text, p{  
    color:#713B00  
}
```

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 #713B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713B00
}
```

Border

The CSS property to change the border of an element to Hex 713B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

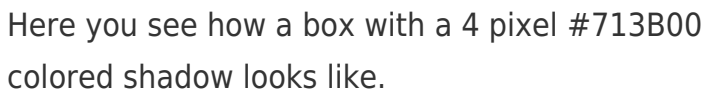
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#713B00 }
```

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

```
.border{ border-color:#713B00 }
```

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



Here you see how a box with a 4 pixel #713B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713B00; -webkit-box-shadow:4px 4px  
4px 4px #713B00; box-shadow:4px 4px 4px  
4px #713B00 }
```

Background

The CSS property to change the background color of an element to Hex 713B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713B00 }
```

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

```
.background{ background-color:#713B00 }
```

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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