

Converting Colors

Hex(6A3023)

Have a look what the booklet for
Hex(6A3023) contains.

Hex(6A3023)	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(6A3023)

Conversions

Conversions Part 1

Format	Color
Hex	6A3023
RGB	106, 48, 35
RGB Percent	42%, 19%, 14%
CMY	0.5843, 0.8118, 0.8627
CMYK	0.00, 0.55, 0.67, 0.58
HSL	11°, 50%, 28%
HSV	11°, 67%, 42%
XYZ	7.3042, 5.2994, 2.2280
YIQ	63.8600, 38.7410, 8.2530

Conversions

Conversions Part 2

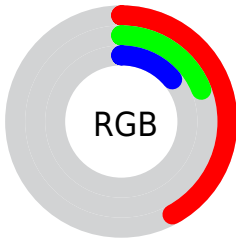
Format	Color
RYB	106, 51, 35
Decimal	6959139
CIELab	27.57, 24.77, 20.42
CIElCh	28, 32.100, 39.502
Yxy	5.2994, 0.4925, 0.3573
Android (android.graphics.Color)	4285149219 (0xFF6A3023)
YUV	63.8600, -14.2280, 36.9568
Hunter-Lab	23.0205, 16.3505, 10.3760

Details

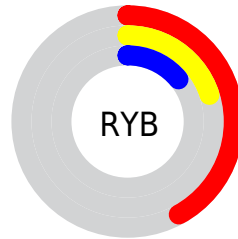
The Hex color **6A3023** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **235D6A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A16050**, and **360300** is the 20% darker color. If you saturate the color by 10%, you get **6A2718**, and if you desaturate by 10%, it is **6A392E**.

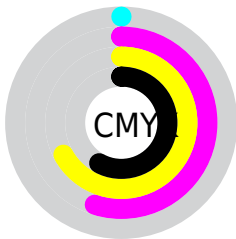
Distribution



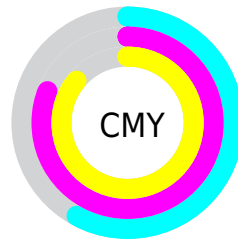
- Red (42%)
- Green (19%)
- Blue (14%)



- Red (42%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (55%)
- Yellow (67%)
- Black (58%)



- Cyan (58%)
- Magenta (81%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3023 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 6A3023 by changing the saturation by 10% instead.

 6A3023

 6A3023

FFFFFF

 50190E

 A16050

 360300

 BD7968

 1C0001

 DA9381

 000000

 F8AE9B

 FFC9B6

 FFE6D2

 FFFFEE

 6A3023

 6A3023

■ 6A2718

■ 6A392E

■ 6A1F0E

■ 6A4138

■ 6A1603

■ 6A4A43

■ 6A1300

■ 6A534D

■ 6A5B58

■ 6A6463

■ 6A6D6D

■ 6A7578

■ 6A7E82

Harmonies

Analogous

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



6E2A3A



6A3023



5C3A11

Triad

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



6A3023



004C2F



1F4172

Complementary

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



6A3023



235D6A

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.



00486F



6A3023



004D48

Square

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



6A3023



2C4819



004C60



4D3767

Rectangle

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



6A3023



4E400B



004C60



004472

Sweetspot

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



6A3023



8A736E



6A235E



453734



C4C4C4



454545

Same Dimension

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



6A3023



8A301C



6A5223



363130



751500



F52D00

Inverse Universe

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



235D6A



1C768A



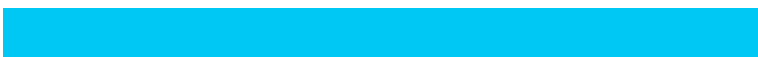
233B6A



303536



006075



00C8F5

Previews

White Background



This preview shows how the Hex color 6A3023 looks on a white background.

Color Contrast Check

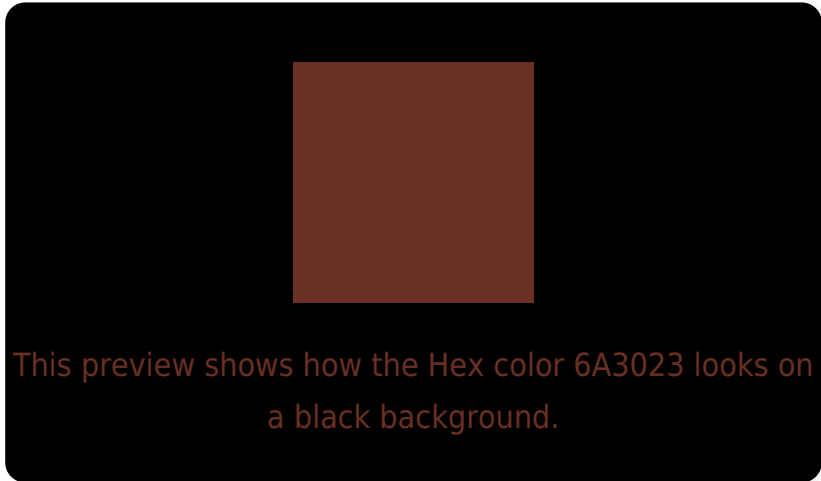
Large Text (above 18pt) WCAG AA ✓ Pass

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

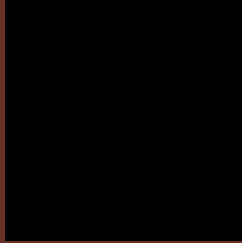
Any Text WCAG AA × Fail

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 6A3023 Background



This preview shows how black text looks on a background with the Hex color 6A3023.

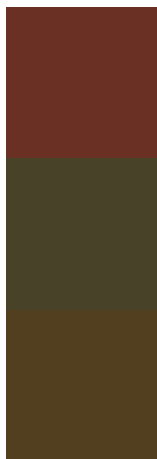


This preview shows how white text looks on a background with the Hex color 6A3023.

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
6A3023

Protanopia
484229

Deuteranopia
513F20



Tritanopia
6B2E31

Trichromacy



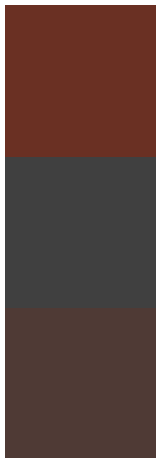
Original Color
6A3023

Protanomaly
543B27

Deuteranomaly
5A3A21

Tritanomaly
6B2F2C

Monochromacy



Original Color
6A3023

Achromatopsia
404040

Achromatomaly
4F3A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3023 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 #6A3023 looks like.

```
.text, #text, p{  
    color:#6A3023  
}
```

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 #6A3023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3023
}
```

Border

The CSS property to change the border of an element to Hex 6A3023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

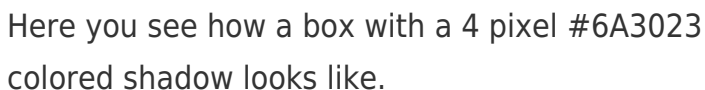
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3023 }
```

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

```
.border{ border-color:#6A3023 }
```

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



Here you see how a box with a 4 pixel #6A3023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3023; -webkit-box-shadow:4px 4px  
4px 4px #6A3023; box-shadow:4px 4px 4px  
4px #6A3023 }
```

Background

The CSS property to change the background color of an element to Hex 6A3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3023 }
```

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

```
.background{ background-color:#6A3023 }
```

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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