

Converting Colors

Hex(7D7023)

Have a look what the booklet for
Hex(7D7023) contains.

Hex(7D7023)	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(7D7023)

Conversions

Conversions Part 1

Format	Color
Hex	7D7023
RGB	125, 112, 35
RGB Percent	49%, 44%, 14%
CMY	0.5098, 0.5608, 0.8627
CMYK	0.00, 0.10, 0.72, 0.51
HSL	51°, 56%, 31%
HSV	51°, 72%, 49%
XYZ	14.5550, 16.0697, 3.9247
YIQ	107.1090, 32.4650, -21.1910

Conversions

Conversions Part 2

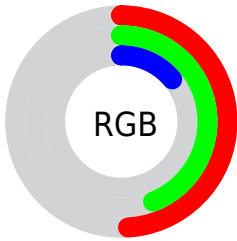
Format	Color
RYB	50, 125, 35
Decimal	8220707
CIELab	47.07, -4.33, 42.67
CIELCh	47, 42.887, 95.798
Yxy	16.0697, 0.4213, 0.4651
Android (android.graphics.Color)	4286410787 (0xFF7D7023)
YUV	107.1090, -35.5497, 15.6904
Hunter-Lab	40.0870, -5.3415, 22.2561

Details

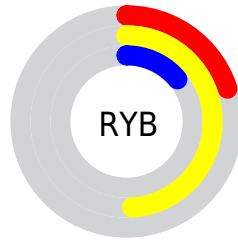
The Hex color **7D7023** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **23307D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B4A355**, and **494100** is the 20% darker color. If you saturate the color by 10%, you get **7D6E17**, and if you desaturate by 10%, it is **7D7230**.

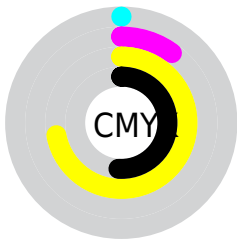
Distribution



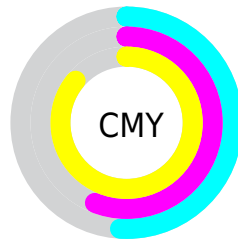
- Red (49%)
- Green (44%)
- Blue (14%)



- Red (20%)
- Yellow (49%)
- Blue (14%)



- Cyan (0%)
- Magenta (10%)
- Yellow (72%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D7023 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 7D7023 by changing the saturation by 10% instead.



7D7023



7D7023

FFFFFF



625807



B4A355



494100



D1BE6E



302B00



EEDA88



171700



FFF7A3



000000



FFFFBF



FFFFDB



FFFFF8



7D7023



7D7023

■ 7D6E17

■ 7D7230

■ 7D6C0A

■ 7D743C

■ 7D6B00

■ 7D7549

■ 7D7755

■ 7D7962

■ 7D7B6E

■ 7D7D7A

■ 7D7E87

■ 7D8093

Harmonies

Analogous

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



9B632D



7D7023



577A32

Triad

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



7D7023



008099



A1558E

Complementary

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



7D7023



23307D

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.



7B63AA



7D7023



007BB1

Square

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



7D7023



008176



3671B7



B14F6A

Rectangle

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



7D7023



367E45



3671B7



975999

Sweetspot

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



7D7023



A39E7F



7D2331



524F3C



D1D1D1



525252

Same Dimension

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



7D7023



A38F17



5E7D23



403F39



806D00



000000

Inverse Universe

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



23307D



172BA3



42237D



393A40



001280



000000

Previews

White Background



This preview shows how the Hex color 7D7023 looks on a white background.

Color Contrast Check

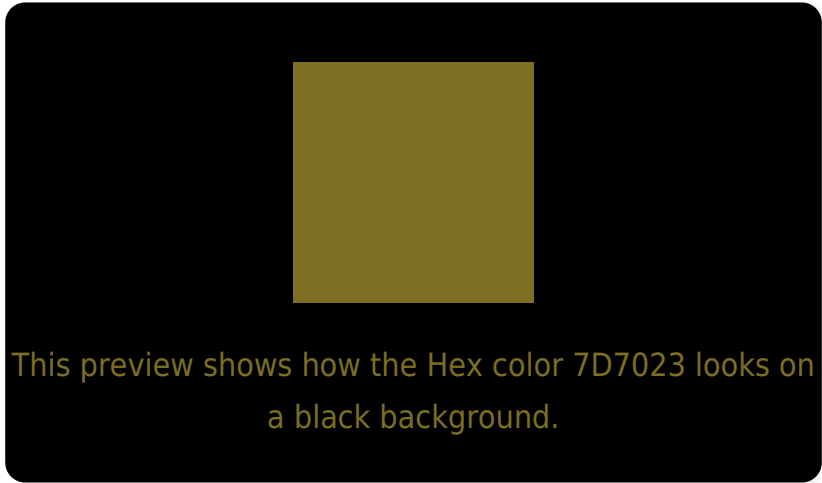
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

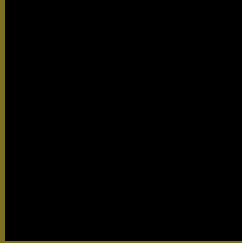
Any Text WCAG AA × Fail

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 7D7023 Background



This preview shows how black text looks on a background with the Hex color 7D7023.



This preview shows how white text looks on a background with the Hex color 7D7023.

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
7D7023

Protanopia
7D7023

Deuteranopia
8C6A25



Tritanopia
836971

Trichromacy



Original Color
7D7023

Protanomaly
7D7023

Deuteranomaly
876C24

Tritanomaly
816C55

Monochromacy



Original Color
7D7023

Achromatopsia
6B6B6B

Achromatomaly
726D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D7023 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 #7D7023 looks like.

```
.text, #text, p{  
    color:#7D7023  
}
```

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 #7D7023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7023
}
```

Border

The CSS property to change the border of an element to Hex 7D7023 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
#7D7023 }
```

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

```
.border{ border-color:#7D7023 }
```

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

Here you see how a box with a 4 pixel #7D7023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7023; -webkit-box-shadow:4px 4px  
4px 4px #7D7023; box-shadow:4px 4px 4px  
4px #7D7023 }
```

Background

The CSS property to change the background color of an element to Hex 7D7023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7023 }
```

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

```
.background{ background-color:#7D7023 }
```

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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