

Converting Colors

Hex(7C7023)

Have a look what the booklet for
Hex(7C7023) contains.

Hex(7C7023)	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(7C7023)

Conversions

Conversions Part 1

Format	Color
Hex	7C7023
RGB	124, 112, 35
RGB Percent	49%, 44%, 14%
CMY	0.5137, 0.5608, 0.8627
CMYK	0.00, 0.10, 0.72, 0.51
HSL	52°, 56%, 31%
HSV	52°, 72%, 49%
XYZ	14.4097, 15.9948, 3.9179
YIQ	106.8100, 31.8690, -21.4030

Conversions

Conversions Part 2

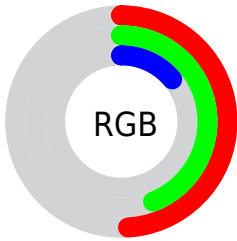
Format	Color
R_{YB}	49, 124, 35
Decimal	8155171
CIE Lab	46.97, -4.80, 42.54
CIE LCh	47, 42.807, 96.442
Yxy	15.9948, 0.4198, 0.4660
Android (android.graphics.Color)	4286345251 (0xFF7C7023)
YUV	106.8100, -35.4023, 15.0756
Hunter-Lab	39.9935, -5.6747, 22.1871

Details

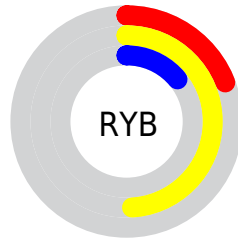
The Hex color **7C7023** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **232F7C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B3A355**, and **484100** is the 20% darker color. If you saturate the color by 10%, you get **7C6E17**, and if you desaturate by 10%, it is **7C722F**.

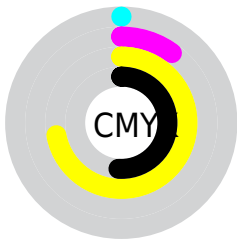
Distribution



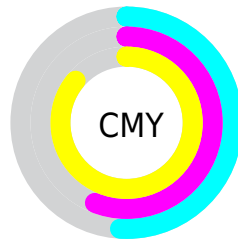
- Red (49%)
- Green (44%)
- Blue (14%)



- Red (19%)
- 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 7C7023 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 7C7023 by changing the saturation by 10% instead.

 7C7023

 7C7023

FFFFFF

 625807

 B3A355

 484100

 CFBE6E

 2F2B00

 EDDA88

 161700

 FFF7A3

 000000

 FFFFBF

 FFFFDB

 FFFFF8

 7C7023

 7C7023

■ 7C6E17

■ 7C722F

■ 7C6D0A

■ 7C733C

■ 7C6B00

■ 7C7548

■ 7C7755

■ 7C7861

■ 7C7A6D

■ 7C7C7A

■ 7C7D86

■ 7C7F93

Harmonies

Analogous

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



9A632C



7C7023



567932

Triad

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



7C7023



008099



A1558D

Complementary

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



7C7023



232F7C

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.



7C63A9



7C7023



007BB1

Square

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



7C7023



008176



3871B7



B14F69

Rectangle

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



7C7023



357E46



3871B7



975998

Sweetspot

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



7C7023



A19C7D



7C2330



524F3C



D1D1D1



525252

Same Dimension

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



7C7023



A18E16



5D7C23



3D3C37



7D6C00



FCDA00

Inverse Universe

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



232F7C



1629A1



42237C



37383D



00117D



0022FC

Previews

White Background



This preview shows how the Hex color 7C7023 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

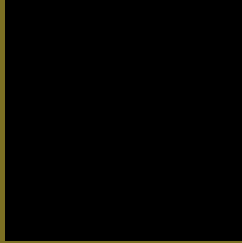
Any Text WCAG AA × Fail

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 7C7023 Background



This preview shows how black text looks on a background with the Hex color 7C7023.



This preview shows how white text looks on a background with the Hex color 7C7023.

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


7C7023

Protanopia

7D7023

Deuteranopia

8B6A25



Tritanopia
826971

Trichromacy



Original Color
7C7023

Protanomaly
7D7023

Deuteranomaly
866C24

Tritanomaly
806C55

Monochromacy



Original Color
7C7023

Achromatopsia
6B6B6B

Achromatomaly
716D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C7023 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 #7C7023 looks like.

```
.text, #text, p{  
    color:#7C7023  
}
```

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 #7C7023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7023
}
```

Border

The CSS property to change the border of an element to Hex 7C7023 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
#7C7023 }
```

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

```
.border{ border-color:#7C7023 }
```

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

Here you see how a box with a 4 pixel #7C7023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7023; -webkit-box-shadow:4px 4px  
4px 4px #7C7023; box-shadow:4px 4px 4px  
4px #7C7023 }
```

Background

The CSS property to change the background color of an element to Hex 7C7023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7023 }
```

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

```
.background{ background-color:#7C7023 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor