

Converting Colors

Hex(7D7021)

Have a look what the booklet for
Hex(7D7021) contains.

Hex(7D7021)	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(7D7021)

Conversions

Conversions Part 1

Format	Color
Hex	7D7021
RGB	125, 112, 33
RGB Percent	49%, 44%, 13%
CMY	0.5098, 0.5608, 0.8706
CMYK	0.00, 0.10, 0.74, 0.51
HSL	52°, 58%, 31%
HSV	52°, 74%, 49%
XYZ	14.5261, 16.0581, 3.7728
YIQ	106.8810, 33.1070, -21.8130

Conversions

Conversions Part 2

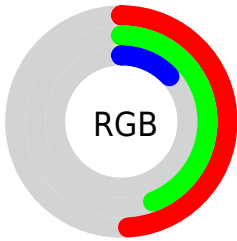
Format	Color
R_{YB}	48, 125, 33
Decimal	8220705
CIE _{Lab}	47.05, -4.44, 43.51
CIE _{LCh}	47, 43.732, 95.833
Yxy	16.0581, 0.4228, 0.4674
Android (android.graphics.Color)	4286410785 (0xFF7D7021)
YUV	106.8810, -36.4233, 15.8904
Hunter-Lab	40.0726, -5.4216, 22.4688

Details

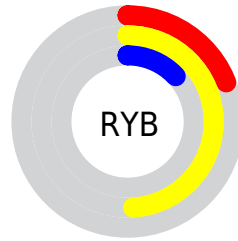
The Hex color **7D7021** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **212E7D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B4A353**, and **494100** is the 20% darker color. If you saturate the color by 10%, you get **7D6E15**, and if you desaturate by 10%, it is **7D722E**.

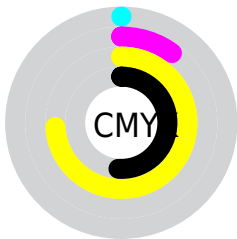
Distribution



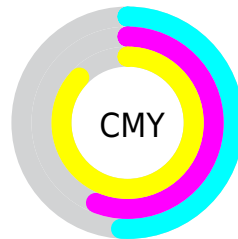
- Red (49%)
- Green (44%)
- Blue (13%)



- Red (19%)
- Yellow (49%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (74%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D7021 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 7D7021 by changing the saturation by 10% instead.

 7D7021

 7D7021

FFFFFF

 625804

 B4A353

 494100

 D1BE6C

 302B00

 EEDA87

 171700

 FFF7A1

 000000

 FFFFBD

 FFFFD9

 FFFFF6

 7D7021

 7D7021

■ 7D6E15

■ 7D722E

■ 7D6C08

■ 7D743A

■ 7D6B00

■ 7D7547

■ 7D7753

■ 7D7960

■ 7D7B6C

■ 7D7C79

■ 7D7E85

■ 7D8092

Harmonies

Analogous

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



9B632B



7D7021



567A30

Triad

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



7D7021



00809A



A2548E

Complementary

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



7D7021



212E7D

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.



7B63AB



7D7021



007BB2

Square

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



7D7021



008276



3371B9



B34E6A

Rectangle

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



7D7021



347E44



3371B9



985999

Sweetspot

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



7D7021



A39E7F



7D212F



524F3C



D1D1D1



525252

Same Dimension

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



7D7021



A38F14



5D7D21



403F39



806D00



000000

Inverse Universe

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



212E7D



1428A3



41217D



393A40



001280



000000

Previews

White Background



This preview shows how the Hex color 7D7021 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 7D7021 Background



This preview shows how black text looks on a background with the Hex color 7D7021.



This preview shows how white text looks on a background with the Hex color 7D7021.

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
7D7021

Protanopia
7D7021

Deuteranopia
8C6A23



Tritanopia
836971

Trichromacy



Original Color
7D7021

Protanomaly
7D7021

Deuteranomaly
876C22

Tritanomaly
816C54

Monochromacy



Original Color
7D7021

Achromatopsia
6B6B6B

Achromatomaly
726D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D7021 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 #7D7021 looks like.

```
.text, #text, p{  
    color:#7D7021  
}
```

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 #7D7021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7021
}
```

Border

The CSS property to change the border of an element to Hex 7D7021 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
#7D7021 }
```

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

```
.border{ border-color:#7D7021 }
```

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

Here you see how a box with a 4 pixel #7D7021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7021; -webkit-box-shadow:4px 4px  
4px 4px #7D7021; box-shadow:4px 4px 4px  
4px #7D7021 }
```

Background

The CSS property to change the background color of an element to Hex 7D7021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7021 }
```

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

```
.background{ background-color:#7D7021 }
```

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