

Converting Colors

Hex(7B7D26)

Have a look what the booklet for
Hex(7B7D26) contains.

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Color

Hex(7B7D26)

Conversions

Conversions Part 1

Format	Color
Hex	7B7D26
RGB	123, 125, 38
RGB Percent	48%, 49%, 15%
CMY	0.5176, 0.5098, 0.8510
CMYK	0.02, 0.00, 0.70, 0.51
HSL	61°, 53%, 32%
HSV	61°, 70%, 49%
XYZ	15.8518, 19.0181, 4.6691
YIQ	114.4840, 26.7350, -27.4810

Conversions

Conversions Part 2

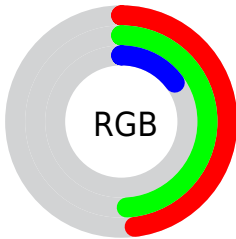
Format	Color
R_{YB}	38, 125, 40
Decimal	8092966
CIE _{Lab}	50.71, -12.31, 45.01
CIE _{LCh}	51, 46.665, 105.300
Yxy	19.0181, 0.4009, 0.4810
Android (android.graphics.Color)	4286283046 (0xFF7B7D26)
YUV	114.4840, -37.7066, 7.4685
Hunter-Lab	43.6098, -11.4336, 24.1789

Details

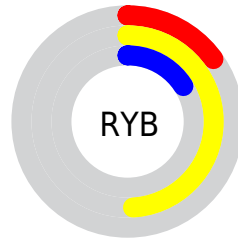
The Hex color **7B7D26** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **28267D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B2B159**, and **474C00** is the 20% darker color. If you saturate the color by 10%, you get **7B7D19**, and if you desaturate by 10%, it is **7B7D32**.

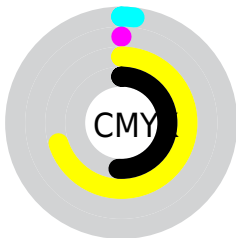
Distribution



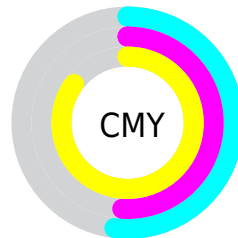
- Red (48%)
- Green (49%)
- Blue (15%)



- Red (15%)
- Yellow (49%)
- Blue (16%)



- Cyan (2%)
- Magenta (0%)
- Yellow (70%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7D26 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 7B7D26 by changing the saturation by 10% instead.

 7B7D26

 7B7D26

FFFFFF

 616409

 B2B159

 474C00

 CECD72

 2E3600

 EBE98D

 162100

 FFFFA8

 000500

 FFFFC4

 000000

 FFFFEO

 FFFFFD

 7B7D26

 7B7D26

■ 7B7D19

■ 7B7D32

■ 7A7D0D

■ 7C7D3F

■ 7A7D00

■ 7C7D4B

■ 7C7D58

■ 7C7D64

■ 7D7D71

■ 7D7D7E

■ 7D7D8A

■ 7E7D96

Harmonies

Analogous

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



9F7028



7B7D26



4E863E

Triad

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



7B7D26



008AB0



B7588E

Complementary

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



7B7D26



28267D

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.



9566B1



7B7D26



0083C5

Square

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



7B7D26



008C8C



5676C6



C25566

Rectangle

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



7B7D26



1C8A56



5676C6



AF5C9B

Sweetspot

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



7B7D26



A2A381



7D2726



51523D



D1D1D1



525252

Same Dimension

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



7B7D26



A0A31A



507D26



404039



7D8000



000000

Inverse Universe

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



28267D



1D1AA3



53267D



3A3940



030080



000000

Previews

White Background



This preview shows how the Hex color 7B7D26 looks on a white background.

Color Contrast Check

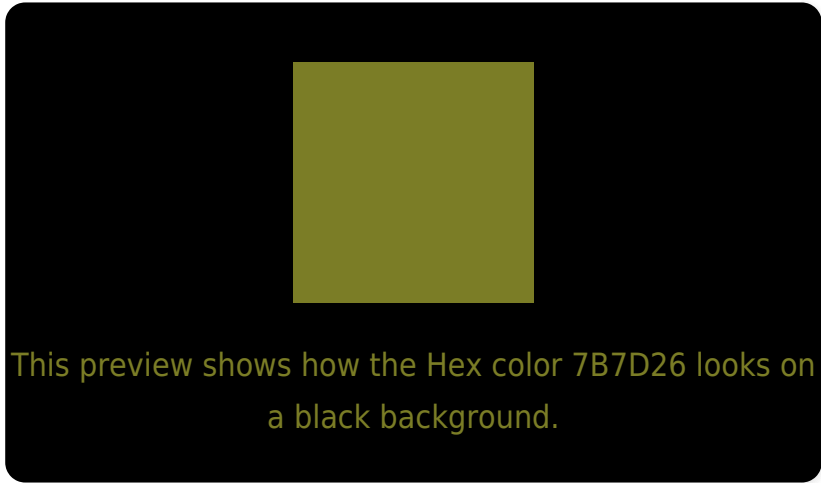
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

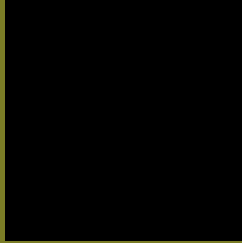
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7B7D26 Background



This preview shows how black text looks on a background with the Hex color 7B7D26.



This preview shows how white text looks on a background with the Hex color 7B7D26.

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
7B7D26

Protanopia
877925

Deuteranopia
97732A



Tritanopia
83757E

Trichromacy



Original Color
7B7D26

Protanomaly
837A25

Deuteranomaly
8D7729

Tritanomaly
80785E

Monochromacy



Original Color
7B7D26

Achromatopsia
727272

Achromatomaly
757656

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7D26 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 #7B7D26 looks like.

```
.text, #text, p{  
    color:#7B7D26  
}
```

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 #7B7D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7D26
}
```

Border

The CSS property to change the border of an element to Hex 7B7D26 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
#7B7D26 }
```

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

```
.border{ border-color:#7B7D26 }
```

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

Here you see how a box with a 4 pixel #7B7D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7D26; -webkit-box-shadow:4px 4px  
4px 4px #7B7D26; box-shadow:4px 4px 4px  
4px #7B7D26 }
```

Background

The CSS property to change the background color of an element to Hex 7B7D26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7D26 }
```

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

```
.background{ background-color:#7B7D26 }
```

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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