

Converting Colors

Hex(7B7F25)

Have a look what the booklet for
Hex(7B7F25) contains.

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Color

Hex(7B7F25)

Conversions

Conversions Part 1

Format	Color
Hex	7B7F25
RGB	123, 127, 37
RGB Percent	48%, 50%, 15%
CMY	0.5176, 0.5020, 0.8549
CMYK	0.03, 0.00, 0.71, 0.50
HSL	63°, 55%, 32%
HSV	63°, 71%, 50%
XYZ	16.0917, 19.5233, 4.6705
YIQ	115.5440, 26.5060, -28.8380

Conversions

Conversions Part 2

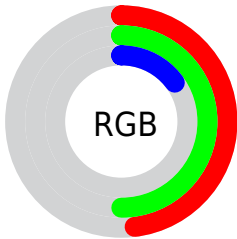
Format	Color
R_{YB}	37, 127, 41
Decimal	8093477
CIE _{Lab}	51.29, -13.46, 46.01
CIE _{LCh}	51, 47.940, 106.301
Yxy	19.5233, 0.3994, 0.4846
Android (android.graphics.Color)	4286283557 (0xFF7B7F25)
YUV	115.5440, -38.7222, 6.5389
Hunter-Lab	44.1851, -12.3165, 24.6625

Details

The Hex color **7B7F25** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **29257F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B2B458**, and **474E00** is the 20% darker color. If you saturate the color by 10%, you get **7A7F18**, and if you desaturate by 10%, it is **7C7F32**.

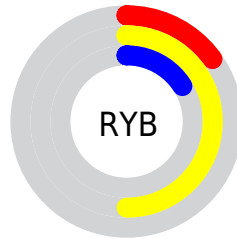
Distribution



Red (48%)

Green (50%)

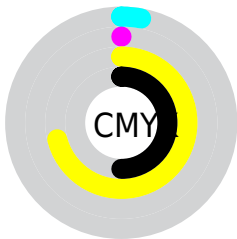
Blue (15%)



Red (15%)

Yellow (50%)

Blue (16%)

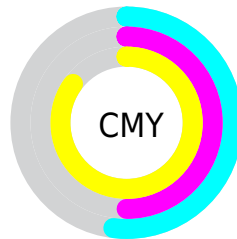


Cyan (3%)

Magenta (0%)

Yellow (71%)

Black (50%)



Cyan (52%)

Magenta (50%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7F25 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 7B7F25 by changing the saturation by 10% instead.



7B7F25



7B7F25

FFFFFF



616606



B2B458



474E00



CECF72



2E3700



EBEB8C



162200



FFFFA7



000900



FFFFC3



000000



FFFFDF



FFFFFC



7B7F25



7B7F25

■ 7A7F18

■ 7C7F32

■ 7A7F0C

■ 7C7F3E

■ 797F00

■ 7D7F4B

■ 7D7F58

■ 7E7F65

■ 7E7F71

■ 7F7F7E

■ 807F8B

■ 807F97

Harmonies

Analogous

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



A07127



7B7F25



4C883F

Triad

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



7B7F25



008CB5



BB588F

Complementary

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



7B7F25



29257F

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.



9966B3



7B7F25



0084CA

Square

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



7B7F25



008E90



5977C9



C65665

Rectangle

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



7B7F25



128C58



5977C9



B35B9C

Sweetspot

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



7B7F25



A4A683



7F2825



53543F



D4D4D4



545454

Same Dimension

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



7B7F25



9FA619



4F7F25



3F4039



7A8000



000000

Inverse Universe

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



29257F



1F19A6



55257F



3A3940



060080



000000

Previews

White Background



This preview shows how the Hex color 7B7F25 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

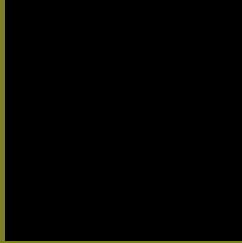
Any Text WCAG AA ✓ Pass

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 7B7F25 Background



This preview shows how black text looks on a background with the Hex color 7B7F25.



This preview shows how white text looks on a background with the Hex color 7B7F25.

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
7B7F25

Protanopia
897A24

Deuteranopia
997429



Tritanopia
837780

Trichromacy



Original Color
7B7F25

Protanomaly
847C24

Deuteranomaly
8E7828

Tritanomaly
807A5F

Monochromacy



Original Color
7B7F25

Achromatopsia
747474

Achromatomaly
777857

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7F25 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 #7B7F25 looks like.

```
.text, #text, p{  
    color:#7B7F25  
}
```

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 #7B7F25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7F25
}
```

Border

The CSS property to change the border of an element to Hex 7B7F25 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
#7B7F25 }
```

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

```
.border{ border-color:#7B7F25 }
```

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

Here you see how a box with a 4 pixel #7B7F25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7F25; -webkit-box-shadow:4px 4px  
4px 4px #7B7F25; box-shadow:4px 4px 4px  
4px #7B7F25 }
```

Background

The CSS property to change the background color of an element to Hex 7B7F25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7F25 }
```

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

```
.background{ background-color:#7B7F25 }
```

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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