

Converting Colors

Hex(7B6A13)

Have a look what the booklet for
Hex(7B6A13) contains.

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Color

Hex(7B6A13)

Conversions

Conversions Part 1

Format	Color
Hex	7B6A13
RGB	123, 106, 19
RGB Percent	48%, 42%, 7%
CMY	0.5176, 0.5843, 0.9255
CMYK	0.00, 0.14, 0.85, 0.52
HSL	50°, 73%, 28%
HSV	50°, 85%, 48%
XYZ	13.4400, 14.5660, 2.7193
YIQ	101.1650, 38.0590, -23.4530

Conversions

Conversions Part 2

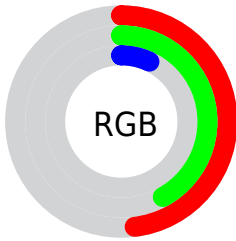
Format	Color
R _Y B	39, 123, 19
Decimal	8088083
CIE Lab	45.03, -2.59, 46.77
CIE LCh	45, 46.842, 93.168
Yxy	14.5660, 0.4374, 0.4741
Android (android.graphics.Color)	4286278163 (0xFF7B6A13)
YUV	101.1650, -40.5073, 19.1493
Hunter-Lab	38.1655, -3.9309, 22.4915

Details

The Hex color **7B6A13** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **13247B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B39D47**, and **473B00** is the 20% darker color. If you saturate the color by 10%, you get **7B6807**, and if you desaturate by 10%, it is **7B6C1F**.

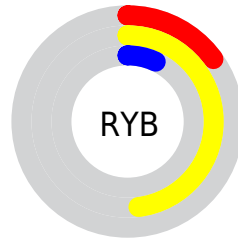
Distribution



Red (48%)

Green (42%)

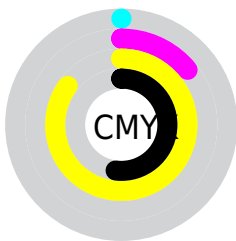
Blue (7%)



Red (15%)

Yellow (48%)

Blue (7%)

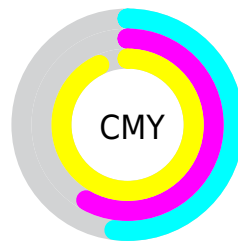


Cyan (0%)

Magenta (14%)

Yellow (85%)

Black (52%)



Cyan (52%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6A13 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 7B6A13 by changing the saturation by 10% instead.



7B6A13



7B6A13

FFFFFF



605200



B39D47



473B00



CFB861



2D2600



EDD37B



131200



FFF095



000000



FFFFB1



FFFPCD



FFFFE9



7B6A13



7B6A13

 7B6807

 7B6C1F

 7B6700

 7B6E2C

 7B7038

 7B7244

 7B7451

 7B765D

 7B7869

 7B7A75

 7B7C82

Harmonies

Analogous

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



9A5B23



7B6A13



537424

Triad

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



7B6A13



007C94



9D4E8F

Complementary

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



7B6A13



13247B

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.



715EAC



7B6A13



0078B0

Square

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



7B6A13



007D6E



006EB9



B04568

Rectangle

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



7B6A13



2E7939



006EB9



91539A

Sweetspot

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



7B6A13



A19A78



7B1324



524E39



D1D1D1



525252

Same Dimension

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



7B6A13



A18600



587B13



3D3C37



7D6900



FCD300

Inverse Universe

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



13247B



001AA1



36137B



37383D



00147D



0029FC

Previews

White Background



This preview shows how the Hex color 7B6A13 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

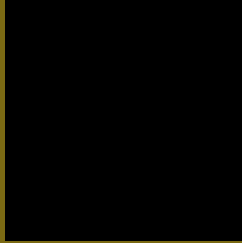
Any Text WCAG AA × Fail

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 7B6A13 Background



This preview shows how black text looks on a background with the Hex color 7B6A13.



This preview shows how white text looks on a background with the Hex color 7B6A13.

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
7B6A13

Protanopia
786B13

Deuteranopia
876516



Tritanopia
81636A

Trichromacy



Original Color
7B6A13

Protanomaly
796B13

Deuteranomaly
836715

Tritanomaly
7F664A

Monochromacy



Original Color
7B6A13

Achromatopsia
656565

Achromatomaly
6D6747

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6A13 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 #7B6A13 looks like.

```
.text, #text, p{  
    color:#7B6A13  
}
```

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 #7B6A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6A13
}
```

Border

The CSS property to change the border of an element to Hex 7B6A13 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
#7B6A13 }
```

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

```
.border{ border-color:#7B6A13 }
```

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

Here you see how a box with a 4 pixel #7B6A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6A13; -webkit-box-shadow:4px 4px  
4px 4px #7B6A13; box-shadow:4px 4px 4px  
4px #7B6A13 }
```

Background

The CSS property to change the background color of an element to Hex 7B6A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6A13 }
```

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

```
.background{ background-color:#7B6A13 }
```

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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