

Converting Colors

Hex(7A8D18)

Have a look what the booklet for
Hex(7A8D18) contains.

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Color

Hex(7A8D18)

Conversions

Conversions Part 1

Format	Color
Hex	7A8D18
RGB	122, 141, 24
RGB Percent	48%, 55%, 9%
CMY	0.5216, 0.4471, 0.9059
CMYK	0.13, 0.00, 0.83, 0.45
HSL	70°, 71%, 32%
HSV	70°, 83%, 55%
XYZ	17.7158, 23.2533, 4.4188
YIQ	121.9810, 26.2330, -40.4150

Conversions

Conversions Part 2

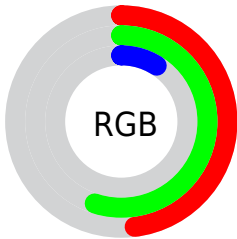
Format	Color
R_{YB}	24, 141, 43
Decimal	8031512
CIE _{Lab}	55.33, -21.85, 54.26
CIE _{LCh}	55, 58.493, 111.939
Yxy	23.2533, 0.3903, 0.5123
Android (android.graphics.Color)	4286221592 (0xFF7A8D18)
YUV	121.9810, -48.3046, 0.0167
Hunter-Lab	48.2217, -18.8101, 28.3221

Details

The Hex color **7A8D18** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2B188D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B1C350**, and **455B00** is the 20% darker color. If you saturate the color by 10%, you get **788D0A**, and if you desaturate by 10%, it is **7C8D26**.

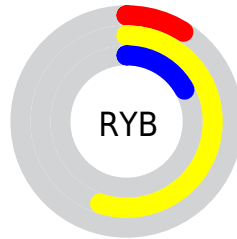
Distribution



Red (48%)

Green (55%)

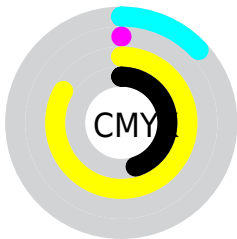
Blue (9%)



Red (9%)

Yellow (55%)

Blue (17%)

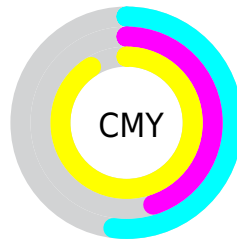


Cyan (13%)

Magenta (0%)

Yellow (83%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8D18 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 7A8D18 by changing the saturation by 10% instead.

 7A8D18

 7A8D18

FFFFFF

 5F7300


 B1C350

 455B00

 CEDE6B

 2B4300

 EBF885

 112D00

 FFFFA1

 001B00

 FFFFBD

 000000

 FFFFD9

 FFFFF6

 7A8D18

 7A8D18

■ 788D0A

■ 7C8D26

■ 768D00

■ 7F8D34

■ 818D42

■ 838D50

■ 858D5F

■ 888D6D

■ 8A8D7B

■ 8C8D89

■ 8F8D97

Harmonies

Analogous

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



A97D11



7A8D18



379742

Triad

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



7A8D18



0098D4



D95494

Complementary

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



7A8D18



2B188D

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.



B466C4



7A8D18



008EE9

Square

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



7A8D18



009CA9



6A7DE3



DF5662

Rectangle

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



7A8D18



009A63



6A7DE3



D059A5

Sweetspot

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



7A8D18



B0B88A



8D2A18



575C40



DBDBDB



5C5C5C

Same Dimension

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



7A8D18



9AB800



418D18



464740



718700



060800

Inverse Universe

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



2B188D



1E00B8



64188D



414047



160087



010008

Previews

White Background



This preview shows how the Hex color 7A8D18 looks on a white background.

Color Contrast Check

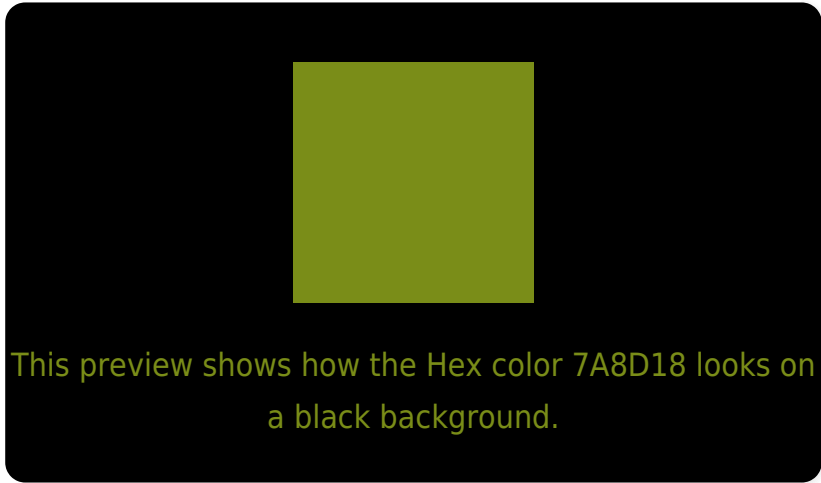
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A8D18 Background



This preview shows how black text looks on a background with the Hex color 7A8D18.



This preview shows how white text looks on a background with the Hex color 7A8D18.

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





Tritanopia
85838E

Trichromacy



Original Color
7A8D18

Protanomaly
8B8817

Deuteranomaly
96831E

Tritanomaly
818763

Monochromacy



Original Color
7A8D18

Achromatopsia
7A7A7A

Achromatomaly
7A8156

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8D18 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 #7A8D18 looks like.

```
.text, #text, p{  
    color:#7A8D18  
}
```

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 #7A8D18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8D18
}
```

Border

The CSS property to change the border of an element to Hex 7A8D18 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
#7A8D18 }
```

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

```
.border{ border-color:#7A8D18 }
```

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

Here you see how a box with a 4 pixel #7A8D18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8D18; -webkit-box-shadow:4px 4px  
4px 4px #7A8D18; box-shadow:4px 4px 4px  
4px #7A8D18 }
```

Background

The CSS property to change the background color of an element to Hex 7A8D18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8D18 }
```

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

```
.background{ background-color:#7A8D18 }
```

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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