

Converting Colors

Hex(784A18)

Have a look what the booklet for
Hex(784A18) contains.

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Color

Hex(784A18)

Conversions

Conversions Part 1

Format	Color
Hex	784A18
RGB	120, 74, 24
RGB Percent	47%, 29%, 9%
CMY	0.5294, 0.7098, 0.9059
CMYK	0.00, 0.38, 0.80, 0.53
HSL	31°, 67%, 28%
HSV	31°, 80%, 47%
XYZ	10.3594, 8.9566, 2.0469
YIQ	82.0540, 43.4660, -5.7980

Conversions

Conversions Part 2

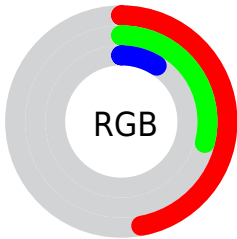
Format	Color
R_{YB}	112, 120, 24
Decimal	7883288
CIE Lab	35.90, 15.13, 36.30
CIE LCh	36, 39.330, 67.379
Yxy	8.9566, 0.4849, 0.4193
Android (android.graphics.Color)	4286073368 (0xFF784A18)
YUV	82.0540, -28.6206, 33.2786
Hunter-Lab	29.9275, 9.4143, 16.8940

Details

The Hex color **784A18** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **184678**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B07B47**, and **431E00** is the 20% darker color. If you saturate the color by 10%, you get **78440C**, and if you desaturate by 10%, it is **785024**.

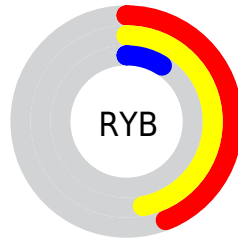
Distribution



Red (47%)

Green (29%)

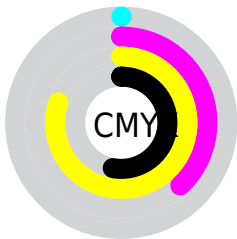
Blue (9%)



Red (44%)

Yellow (47%)

Blue (9%)

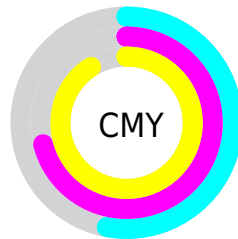


Cyan (0%)

Magenta (38%)

Yellow (80%)

Black (53%)



Cyan (53%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784A18 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 784A18 by changing the saturation by 10% instead.

 784A18

 784A18

FFFFFF

 5D3300

 B07B47

 431E00

 CD955F

 290800

 EAAF79

 000000

 FFCB93

 FFE7AE

 FFFFC9

 FFFFEE

 784A18

 784A18

■ 78440C

■ 785024

■ 783F00

■ 785630

■ 785B3C

■ 786148

■ 786754

■ 786C60

■ 78726C

■ 787878

■ 787E84

Harmonies

Analogous

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



893E30



784A18



5E550F

Triad

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



784A18



00645C



604987

Complementary

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



784A18



184678

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.



1F5593



784A18



00637A

Square

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



784A18



00623B



005E8E



813C6D

Rectangle

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



784A18



485B17



005E8E



504D8D

Sweetspot

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



784A18



9C8A76



781846



4F4438



CFCFCF



4F4F4F

Same Dimension

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



784A18



9C5406



767818



3D3A37



7D4100



FC8300

Inverse Universe

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



184678



064E9C



1A1878



373A3D



003C7D



0079FC

Previews

White Background



This preview shows how the Hex color 784A18 looks on a white background.

Color Contrast Check

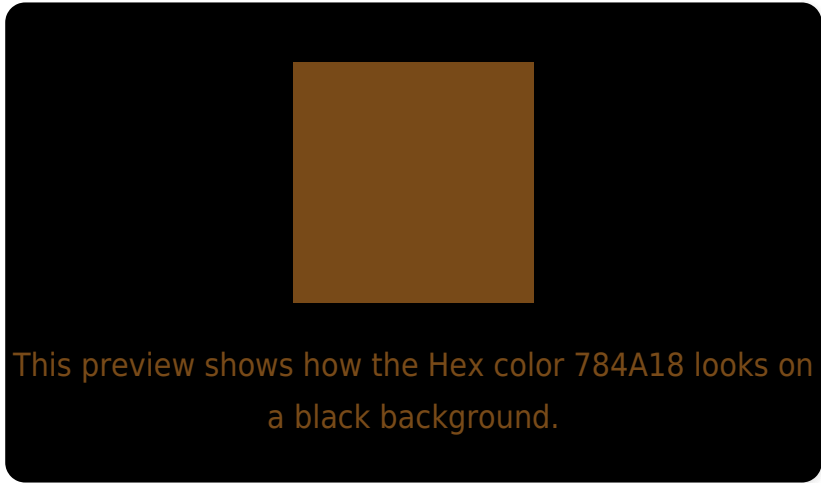
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 784A18 Background



This preview shows how black text looks on a background with the Hex color 784A18.



This preview shows how white text looks on a background with the Hex color 784A18.

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
784A18

Protanopia
5F551B

Deuteranopia
6B5115



Tritanopia
7B454A

Trichromacy



Original Color
784A18

Protanomaly
68511A

Deuteranomaly
704E16

Tritanomaly
7A4738

Monochromacy



Original Color
784A18

Achromatopsia
525252

Achromatomaly
604F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 784A18 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 #784A18 looks like.

```
.text, #text, p{  
  color:#784A18  
}
```

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 #784A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784A18
}
```

Border

The CSS property to change the border of an element to Hex 784A18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

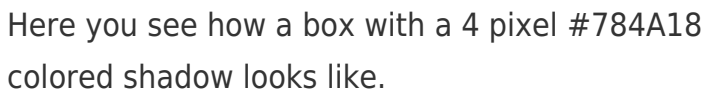
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784A18 }
```

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

```
.border{ border-color:#784A18 }
```

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



Here you see how a box with a 4 pixel `#784A18` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784A18; -webkit-box-shadow:4px 4px  
4px 4px #784A18; box-shadow:4px 4px 4px  
4px #784A18 }
```

Background

The CSS property to change the background color of an element to Hex 784A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784A18 }
```

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

```
.background{ background-color:#784A18 }
```

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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