

Converting Colors

Hex(784428)

Have a look what the booklet for
Hex(784428) contains.

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Color

Hex(784428)

Conversions

Conversions Part 1

Format	Color
Hex	784428
RGB	120, 68, 40
RGB Percent	47%, 27%, 16%
CMY	0.5294, 0.7333, 0.8431
CMYK	0.00, 0.43, 0.67, 0.53
HSL	21°, 50%, 31%
HSV	21°, 67%, 47%
XYZ	10.1959, 8.2805, 3.0684
YIQ	80.3560, 39.9800, 2.3160

Conversions

Conversions Part 2

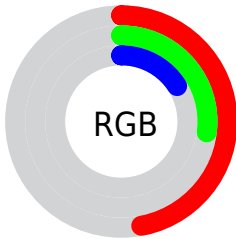
Format	Color
R_{YB}	120, 83, 40
Decimal	7881768
CIE Lab	34.56, 19.64, 26.31
CIE LCh	35, 32.833, 53.259
Yxy	8.2805, 0.4732, 0.3843
Android (android.graphics.Color)	4286071848 (0xFF784428)
YUV	80.3560, -19.8955, 34.7678
Hunter-Lab	28.7759, 12.8882, 13.8210

Details

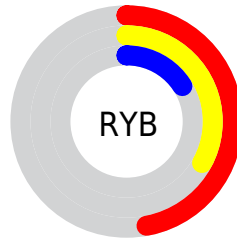
The Hex color **784428** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **285C78**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B07556**, and **441700** is the 20% darker color. If you saturate the color by 10%, you get **783C1C**, and if you desaturate by 10%, it is **784C34**.

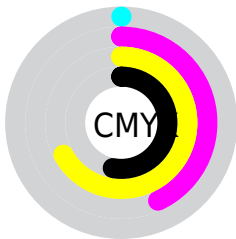
Distribution



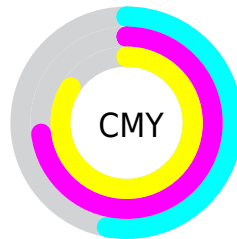
- Red (47%)
- Green (27%)
- Blue (16%)



- Red (47%)
- Yellow (33%)
- Blue (16%)



- Cyan (0%)
- Magenta (43%)
- Yellow (67%)
- Black (53%)



- Cyan (53%)
- Magenta (73%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784428 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 784428 by changing the saturation by 10% instead.

 784428

 784428

FFFFFF

 5D2D13

 B07556

 441700

 CC8E6F

 2A0000

 E9A988

 000000

 FFC4A3

 FFE0BE

 FFFDDA

 FFFFF6

 784428

 784428

■ 783C1C

■ 784C34

■ 783410

■ 785440

■ 782D04

■ 785B4C

■ 782A00

■ 786358

■ 786B64

■ 787370

■ 787B7C

■ 788288

■ 788A94

Harmonies

Analogous

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



813C3E



784428



654E1B

Triad

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



784428



005E4A



494D81

Complementary

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



784428



285C78

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.



005685



784428



005E65

Square

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



784428



2C5B31



005C7B



6C4271

Rectangle

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



784428



55541B



005C7B



395084

Sweetspot

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



784428



9C877C



78285C



4F433C



CFCFCF



4F4F4F

Same Dimension

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



784428



9C4B1F



786C28



3D3937



7D2C00



FC5800

Inverse Universe

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



285C78



1F709C



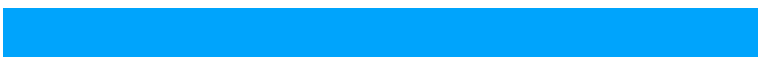
283478



373B3D



00517D



00A4FC

Previews

White Background



This preview shows how the Hex color 784428 looks on a white background.

Color Contrast Check

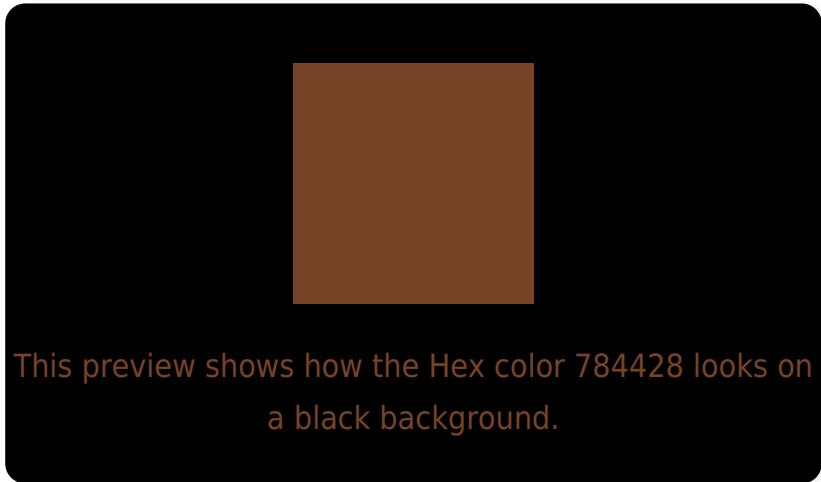
Large Text (above 18pt) WCAG AA ✓ Pass

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

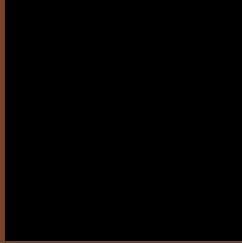
Any Text WCAG AA × Fail

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 784428 Background



This preview shows how black text looks on a background with the Hex color 784428.



This preview shows how white text looks on a background with the Hex color 784428.

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
784428

Protanopia
5A522D

Deuteranopia
654E26



Tritanopia
7A4145

Trichromacy



Original Color
784428

Protanomaly
654D2B

Deuteranomaly
6C4A27

Tritanomaly
79423A

Monochromacy



Original Color
784428

Achromatopsia
505050

Achromatomaly
5F4C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 784428 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 #784428 looks like.

```
.text, #text, p{  
    color:#784428  
}
```

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 #784428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784428  
}
```

Border

The CSS property to change the border of an element to Hex 784428 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  
#784428 }
```

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

```
.border{ border-color:#784428 }
```

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

Here you see how a box with a 4 pixel #784428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784428; -webkit-box-shadow:4px 4px  
4px 4px #784428; box-shadow:4px 4px 4px  
4px #784428 }
```

Background

The CSS property to change the background color of an element to Hex 784428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784428 }
```

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

```
.background{ background-color:#784428 }
```

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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