

# Converting Colors

Hex(784528)

Have a look what the booklet for  
Hex(784528) contains.

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**Color**

**Hex(784528)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	784528
RGB	120, 69, 40
RGB Percent	47%, 27%, 16%
CMY	0.5294, 0.7294, 0.8431
CMYK	0.00, 0.43, 0.67, 0.53
HSL	22°, 50%, 31%
HSV	22°, 67%, 47%
XYZ	10.2569, 8.4025, 3.0887
YIQ	80.9430, 39.7050, 1.7930

# Conversions

## Conversions Part 2

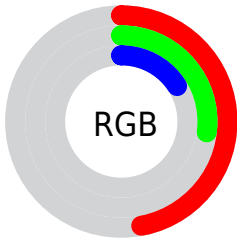
Format	Color
<b>RYB</b>	120, 85, 40
Decimal	7882024
CIELab	34.81, 19.05, 26.60
CIELCh	35, 32.719, 54.396
Yxy	8.4025, 0.4716, 0.3864
Android (android.graphics.Color)	4286072104 (0xFF784528)
YUV	80.9430, -20.1849, 34.2530
Hunter-Lab	28.9871, 12.4334, 13.9733

# Details

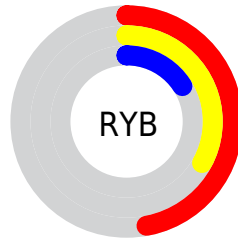
The Hex color **784528** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **285B78**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AF7656**, and **441800** is the 20% darker color. If you saturate the color by 10%, you get **783D1C**, and if you desaturate by 10%, it is **784D34**.

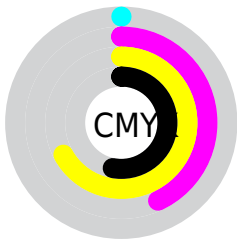
# Distribution



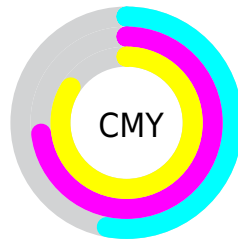
- Red (47%)
- Green (27%)
- Blue (16%)



- 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 784528 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 784528 by changing the saturation by 10% instead.



 784528

 784528

FFFFFF

 5D2E13

 AF7656

 441800

 CC906F

 2A0200

 E9AA88

 000000

 FFC6A3

 FFE2BE

 FFFEDA

 FFFFF6

 784528

 784528

■ 783D1C

■ 784D34

■ 783610

■ 785440

■ 782E04

■ 785C4C

■ 782B00

■ 786458

■ 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.



823D3E



784528



654F1C

# Triad

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



784528



005F4C



4B4D81

# Complementary

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



784528



285B78

# 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.



025686



784528



005F67

# Square

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



784528



2B5C32



005C7C



6D4371

# Rectangle

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



784528



55541D



005C7C



3B5084



# Sweetspot

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



784528



9C887C



78285C



4F433C



CFCFCF



4F4F4F



# Same Dimension

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



784528



9C4C1F



786C28



3D3937



7D2D00



FC5C00



# Inverse Universe

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



285B78



1F6E9C



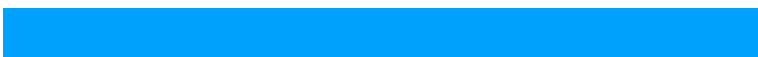
283478



373B3D



00507D



00A1FC



# Previews

## White Background



This preview shows how the Hex color 784528 looks on a white background.

## Color Contrast Check

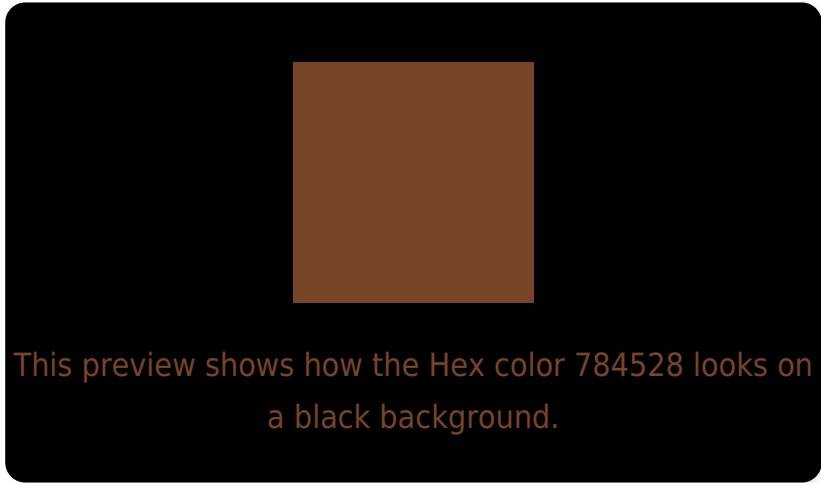
Large Text (above 18pt) WCAG AA ✓ Pass

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 784528 Background



This preview shows how black text looks on a background with the Hex color 784528.



This preview shows how white text looks on a background with the Hex color 784528.

# 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**  
784528

**Protanopia**  
5B522C

**Deuteranopia**  
664E26



**Tritanopia**  
7A4146

# Trichromacy



**Original Color**  
784528

**Protanomaly**  
664D2B

**Deuteranomaly**  
6D4B27

**Tritanomaly**  
79423B

# Monochromacy



**Original Color**  
784528

**Achromatopsia**  
515151

**Achromatomaly**  
5F4D42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 784528 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 #784528 looks like.

```
.text, #text, p{  
    color:#784528  
}
```

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 #784528 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784528
}
```

## Border

The CSS property to change the border of an element to Hex 784528 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
#784528 }
```

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

```
.border{ border-color:#784528 }
```

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

Here you see how a box with a 4 pixel #784528 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784528; -webkit-box-shadow:4px 4px  
4px 4px #784528; box-shadow:4px 4px 4px  
4px #784528 }
```

# Background

The CSS property to change the background color of an element to Hex 784528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784528 }
```

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

```
.background{ background-color:#784528 }
```

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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