

# Converting Colors

Hex(783224)

Have a look what the booklet for  
Hex(783224) contains.

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**Color**

**Hex(783224)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 783224                    |
| RGB         | 120, 50, 36               |
| RGB Percent | 47%, 20%, 14%             |
| CMY         | 0.5294, 0.8039, 0.8588    |
| CMYK        | 0.00, 0.58, 0.70, 0.53    |
| HSL         | 10°, 54%, 31%             |
| HSV         | 10°, 70%, 47%             |
| XYZ         | 9.2048, 6.4016, 2.4196    |
| YIQ         | 69.3340, 46.2140, 10.4860 |

# Conversions

## Conversions Part 2

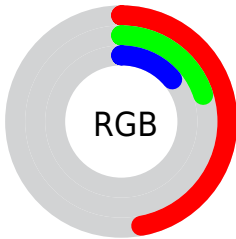
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 120, 53, 36                   |
| Decimal                             | 7877156                       |
| CIE <sub>Lab</sub>                  | 30.40, 29.59, 23.78           |
| CIE <sub>LCh</sub>                  | 30, 37.964, 38.781            |
| Yxy                                 | 6.4016, 0.5106,<br>0.3551     |
| Android<br>(android.graphics.Color) | 4286067236<br>(0xFF783224)    |
| YUV                                 | 69.3340, -16.4337,<br>44.4341 |
| Hunter-Lab                          | 25.3015, 20.6613,<br>12.0412  |

# Details

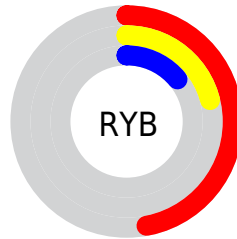
The Hex color **783224** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **246A78**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B16351**, and **420100** is the 20% darker color. If you saturate the color by 10%, you get **782818**, and if you desaturate by 10%, it is **783C30**.

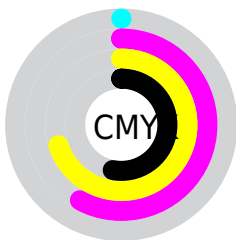
# Distribution



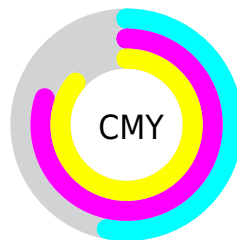
- Red (47%)
- Green (20%)
- Blue (14%)



- Red (47%)
- Yellow (21%)
- Blue (14%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (53%)



- Cyan (53%)
- Magenta (80%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 783224 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 783224 by changing the saturation by 10% instead.



 783224

 783224

FFFFFF

 5D1A0F

 B16351

 420100

 CE7C69

 2B0001

 EB9783

 000000

 FFB29D

 FFCDB8

 FFEAD3

 FFFFF0

 783224

 783224

■ 782818

■ 783C30

■ 781E0C

■ 78463C

■ 781400

■ 785048

■ 785A54

■ 786460

■ 786E6C

■ 787878

■ 788284

■ 788C90

# Harmonies

## Analogous

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



7D2A40



783224



673E0D

# Triad

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



783224



005431



124882

# Complementary

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



783224



246A78

# 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.



00507F



783224



005650

# Square

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



783224



2E5015



00556C



543C76

# Rectangle

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



783224



574604



00556C



004B83



# Sweetspot

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



783224



9C807B



78246A



4F3F3B



CFCFCF



4F4F4F



# Same Dimension

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



783224



9C2F19



785C24



3D3837



7D1500



FC2A00



# Inverse Universe

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



246A78



19869C



244078



373C3D



00687D



00D2FC



# Previews

## White Background



This preview shows how the Hex color 783224 looks on a white background.

## Color Contrast Check

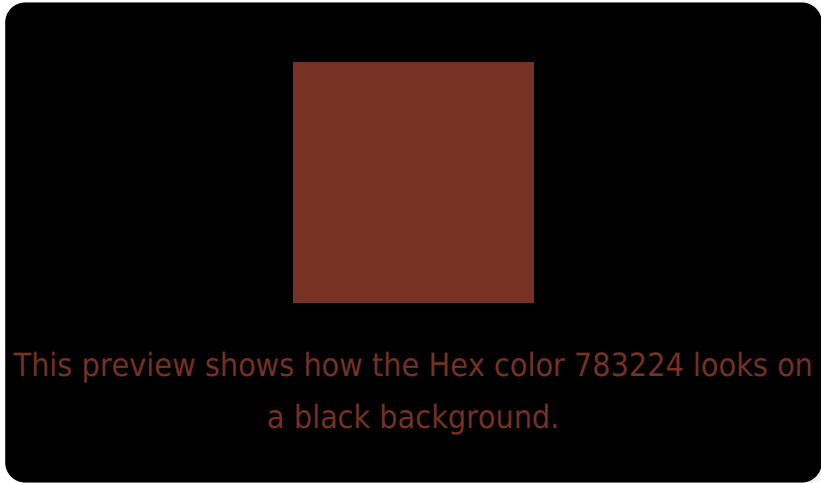
Large Text (above 18pt) WCAG AA ✓ Pass

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 783224 Background



This preview shows how black text looks on a background with the Hex color 783224.

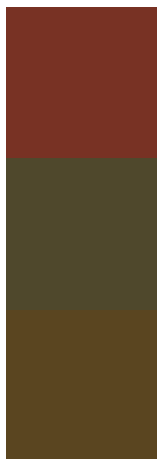


This preview shows how white text looks on a background with the Hex color 783224.

# 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**  
783224

**Protanopia**  
4F482C

**Deuteranopia**  
5A4520



**Tritanopia**  
793033

# Trichromacy



**Original Color**  
783224

**Protanomaly**  
5E4029

**Deuteranomaly**  
653E21

**Tritanomaly**  
79312E

# Monochromacy



**Original Color**  
783224

**Achromatopsia**  
454545

**Achromatomaly**  
583E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 783224 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 #783224 looks like.

```
.text, #text, p{  
    color:#783224  
}
```

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 #783224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783224
}
```

## Border

The CSS property to change the border of an element to Hex 783224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

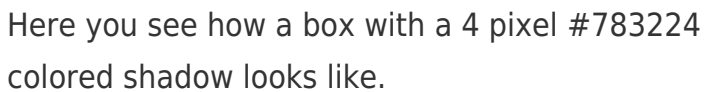
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783224 }
```

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

```
.border{ border-color:#783224 }
```

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



Here you see how a box with a 4 pixel #783224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783224; -webkit-box-shadow:4px 4px  
4px 4px #783224; box-shadow:4px 4px 4px  
4px #783224 }
```

# Background

The CSS property to change the background color of an element to Hex 783224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783224 }
```

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

```
.background{ background-color:#783224 }
```

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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