

Converting Colors

Hex(7D2C34)

Have a look what the booklet for
Hex(7D2C34) contains.

Hex(7D2C34)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7D2C34)

Conversions

Conversions Part 1

Format	Color
Hex	7D2C34
RGB	125, 44, 52
RGB Percent	49%, 17%, 20%
CMY	0.5098, 0.8275, 0.7961
CMYK	0.00, 0.65, 0.58, 0.51
HSL	354°, 48%, 33%
HSV	354°, 65%, 49%
XYZ	9.9780, 6.4093, 3.9600
YIQ	69.1310, 45.7080, 19.6600

Conversions

Conversions Part 2

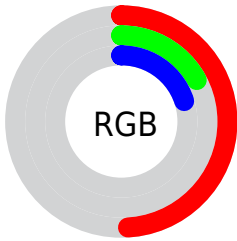
Format	Color
R _Y B	125, 44, 52
Decimal	8203316
CIE Lab	30.42, 35.77, 13.77
CIE LCh	30, 38.333, 21.060
Yxy	6.4093, 0.4904, 0.3150
Android (android.graphics.Color)	4286393396 (0xFF7D2C34)
YUV	69.1310, -8.4456, 48.9971
Hunter-Lab	25.3165, 26.0479, 8.4474

Details

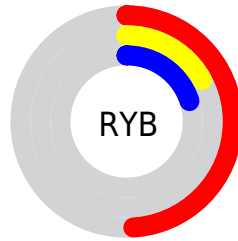
The Hex color **7D2C34** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C7D75**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B65E62**, and **470007** is the 20% darker color. If you saturate the color by 10%, you get **7D1F29**, and if you desaturate by 10%, it is **7D393F**.

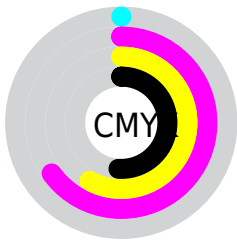
Distribution



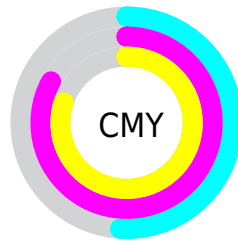
- Red (49%)
- Green (17%)
- Blue (20%)



- Red (49%)
- Yellow (17%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (58%)
- Black (51%)



- Cyan (51%)
- Magenta (83%)
- Yellow (80%)
- Black (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D2C34 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 7D2C34 by changing the saturation by 10% instead.

 7D2C34

 7D2C34

FFFFFF

 62121F

 B65E62

 470007

 D3787B

 300001

 F09295

 000000

 FFADB0

 FFC9CB

 FFE6E7

 7D2C34

 7D2C34

 7D1F29

 7D393F

 7D131D

 7D454B

 7D0712

 7D5256

 7D000C

 7D5E61

 7D6B6C

 7D7778

 7D8483

 7D908E

 7D9C99

Harmonies

Analogous

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



792B52



7D2C34



733719

Triad

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



7D2C34



1B5220



004E83

Complementary

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



7D2C34



2C7D75

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.



005376



7D2C34



00553D

Square

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



7D2C34



424C07



00565C



364380

Rectangle

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



7D2C34



663F0A



00565C



005080

Sweetspot

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



7D2C34



A38487



752C7D



523F41



D1D1D1



525252

Same Dimension

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



7D2C34



A32430



7D4C2C



40393A



80000D



000000

Inverse Universe

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



7D2C34



A32430



2C5D7D



40393A



80000D



000000

Previews

White Background



This preview shows how the Hex color 7D2C34 looks on a white background.

Color Contrast Check

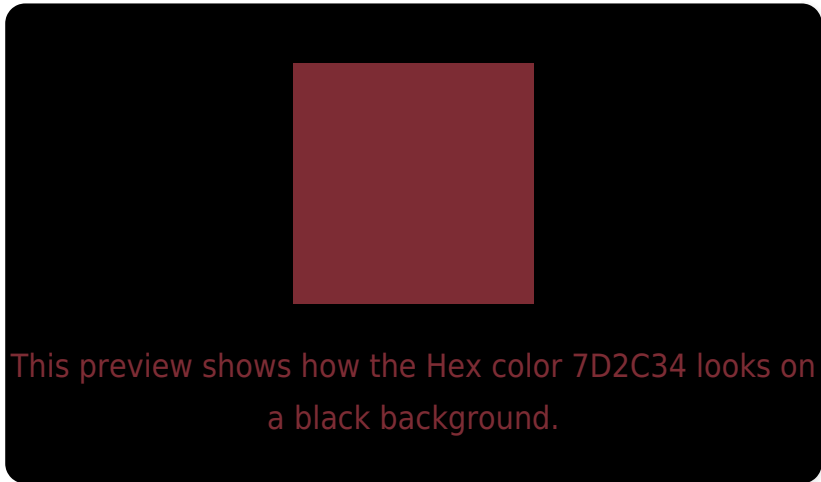
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D2C34 Background



This preview shows how black text looks on a background with the Hex color 7D2C34.



This preview shows how white text looks on a background with the Hex color 7D2C34.

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
7D2C34

Protanopia
4C4841

Deuteranopia
574530



Tritanopia
7D2D2F

Trichromacy



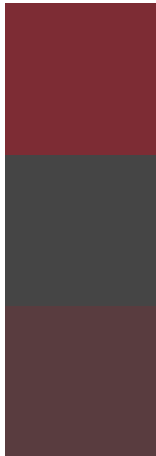
Original Color
7D2C34

Protanomaly
5E3E3C

Deuteranomaly
653C31

Tritanomaly
7D2D31

Monochromacy



Original Color
7D2C34

Achromatopsia
454545

Achromatomaly
593C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D2C34 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 #7D2C34 looks like.

```
.text, #text, p{  
    color:#7D2C34  
}
```

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 #7D2C34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2C34
}
```

Border

The CSS property to change the border of an element to Hex 7D2C34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

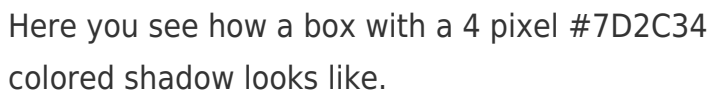
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D2C34 }
```

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

```
.border{ border-color:#7D2C34 }
```

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



Here you see how a box with a 4 pixel #7D2C34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2C34; -webkit-box-shadow:4px 4px  
4px 4px #7D2C34; box-shadow:4px 4px 4px  
4px #7D2C34 }
```

Background

The CSS property to change the background color of an element to Hex 7D2C34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2C34 }
```

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

```
.background{ background-color:#7D2C34 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor