

# Converting Colors

Hex(7D2D37)

Have a look what the booklet for  
Hex(7D2D37) contains.

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# Color

**Hex(7D2D37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D2D37
RGB	125, 45, 55
RGB Percent	49%, 18%, 22%
CMY	0.5098, 0.8235, 0.7843
CMYK	0.00, 0.64, 0.56, 0.51
HSL	352°, 47%, 33%
HSV	352°, 64%, 49%
XYZ	10.0854, 6.5126, 4.3399
YIQ	70.0600, 44.4700, 20.0700

# Conversions

## Conversions Part 2

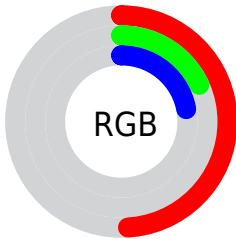
Format	Color
<a href="#">RYB</a>	<a href="#">125, 45, 55</a>
Decimal	<a href="#">8203575</a>
CIELab	<a href="#">30.67, 35.55, 12.15</a>
CIELCh	<a href="#">31, 37.565, 18.868</a>
Yxy	<a href="#">6.5126, 0.4817, 0.3110</a>
Android (android.graphics.Color)	<a href="#">4286393655</a> ( <a href="#">0xFF7D2D37</a> )
YUV	<a href="#">70.0600, -7.4246, 48.1824</a>
Hunter-Lab	<a href="#">25.5198, 25.8837, 7.7809</a>

# Details

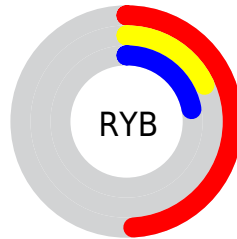
The Hex color **7D2D37** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D7D73**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B55F66**, and **47000C** is the 20% darker color. If you saturate the color by 10%, you get **7D212C**, and if you desaturate by 10%, it is **7D3942**.

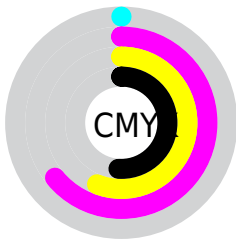
# Distribution



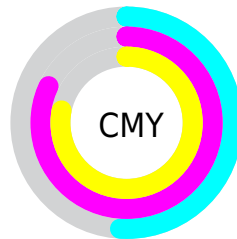
- Red (49%)
- Green (18%)
- Blue (22%)



- Red (49%)
- Yellow (18%)
- Blue (22%)



- Cyan (0%)
- Magenta (64%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (82%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D2D37 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 7D2D37 by changing the saturation by 10% instead.



 7D2D37

 7D2D37

FFFFFF

 621322

 B55F66

 47000C

 D2797F

 300001

 F09398

 000000

 FFAEB3

 FFCACF

 FFE7EB

 7D2D37

 7D2D37

 7D212C

 7D3942

 7D1421

 7D464D

 7D0816

 7D5258

 7D0010

 7D5F63

 7D6C6E

 7D7879

 7D8584

 7D918F

 7D9E99

# Harmonies

## Analogous

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



782D54



7D2D37



74371D

# Triad

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



7D2D37



21521F



004F82

# Complementary

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



7D2D37



2D7D73

# 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.



005474



7D2D37



00553C

# Square

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



7D2D37



454C09



00565A



334580

# Rectangle

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



7D2D37



683F0E



00565A



00517F



# Sweetspot

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



7D2D37



A38488



722D7D



523F41



D1D1D1



525252



# Same Dimension

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



7D2D37



A32635



7D4A2D



40393A



800010



000000



# Inverse Universe

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



7D2D37



A32635



2D607D



40393A



800010

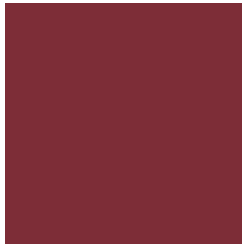


000000



# Previews

## White Background



This preview shows how the Hex color 7D2D37 looks on a white background.

## Color Contrast Check

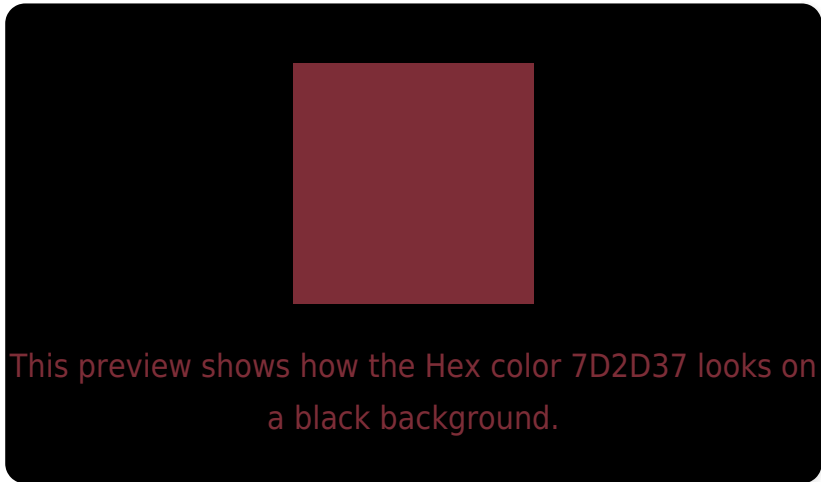
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D2D37 Background



This preview shows how black text looks on a background with the Hex color 7D2D37.



This preview shows how white text looks on a background with the Hex color 7D2D37.

# 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**  
7D2D37

**Protanopia**  
4C4944

**Deuteranopia**  
574633



**Tritanopia**  
7D2E31

# Trichromacy



**Original Color**  
7D2D37

**Protanomaly**  
5E3F3F

**Deuteranomaly**  
653D34

**Tritanomaly**  
7D2E33

# Monochromacy



**Original Color**  
7D2D37

**Achromatopsia**  
464646

**Achromatomaly**  
5A3D41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D2D37 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 #7D2D37 looks like.

```
.text, #text, p{  
    color:#7D2D37  
}
```

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 #7D2D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2D37
}
```

## Border

The CSS property to change the border of an element to Hex 7D2D37 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
#7D2D37 }
```

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

```
.border{ border-color:#7D2D37 }
```

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

Here you see how a box with a 4 pixel #7D2D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2D37; -webkit-box-shadow:4px 4px  
4px 4px #7D2D37; box-shadow:4px 4px 4px  
4px #7D2D37 }
```

# Background

The CSS property to change the background color of an element to Hex 7D2D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2D37 }
```

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

```
.background{ background-color:#7D2D37 }
```

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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