

Converting Colors

Hex(7D3758)

Have a look what the booklet for
Hex(7D3758) contains.

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Color

Hex(7D3758)

Conversions

Conversions Part 1

Format	Color
Hex	7D3758
RGB	125, 55, 88
RGB Percent	49%, 22%, 35%
CMY	0.5098, 0.7843, 0.6549
CMYK	0.00, 0.56, 0.30, 0.51
HSL	332°, 39%, 35%
HSV	332°, 56%, 49%
XYZ	11.5851, 7.7969, 10.1269
YIQ	79.6920, 31.1270, 25.1030

Conversions

Conversions Part 2

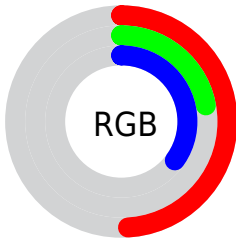
Format	Color
R_{YB}	125, 55, 88
Decimal	8206168
CIE Lab	33.56, 34.30, -5.17
CIE LCh	34, 34.691, 351.424
Yxy	7.7969, 0.3926, 0.2642
Android (android.graphics.Color)	4286396248 (0xFF7D3758)
YUV	79.6920, 4.0958, 39.7351
Hunter-Lab	27.9230, 25.1934, -1.9567

Details

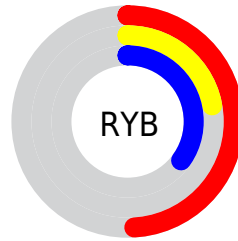
The Hex color **7D3758** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **377D5C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B4698A**, and **49032B** is the 20% darker color. If you saturate the color by 10%, you get **7D2B51**, and if you desaturate by 10%, it is **7D445F**.

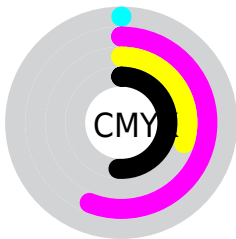
Distribution



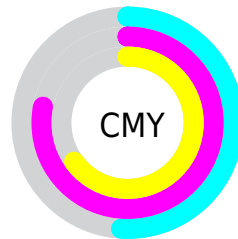
- Red (49%)
- Green (22%)
- Blue (35%)



- Red (49%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (56%)
- Yellow (30%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D3758 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 7D3758 by changing the saturation by 10% instead.

 7D3758

 7D3758

FFFFFF

 631E41

 B4698A

 49032B

 D083A4

 310016

 ED9DBF

 100000

 FFB9DB

 000000

 FFD5F8

 FFF1FF

 7D3758

 7D3758

 7D2B51

 7D445F

 7D1E4B

 7D5065

 7D1244

 7D5D6C

 7D053E

 7D6972

 7D003B

 7D7679

 7D8280

 7D8F86

 7D9B8D

 7DA893

Harmonies

Analogous

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



693F71



7D3758



81383C

Triad

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



7D3758



4B5318



005A79

Complementary

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



7D3758



377D5C

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.



005C62



7D3758



29592B

Square

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



7D3758



654B16



005C46



005485

Rectangle

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



7D3758



7C3D2C



005C46



005B73

Sweetspot

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



7D3758



A38795



5B377D



524149



D1D1D1



525252

Same Dimension

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



7D3758



A33669



7D3837



40393C



80003C



000000

Inverse Universe

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



7D3758



A33669



377C7D



40393C



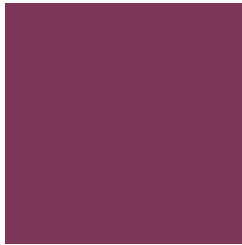
80003C



000000

Previews

White Background



This preview shows how the Hex color 7D3758 looks on a white background.

Color Contrast Check

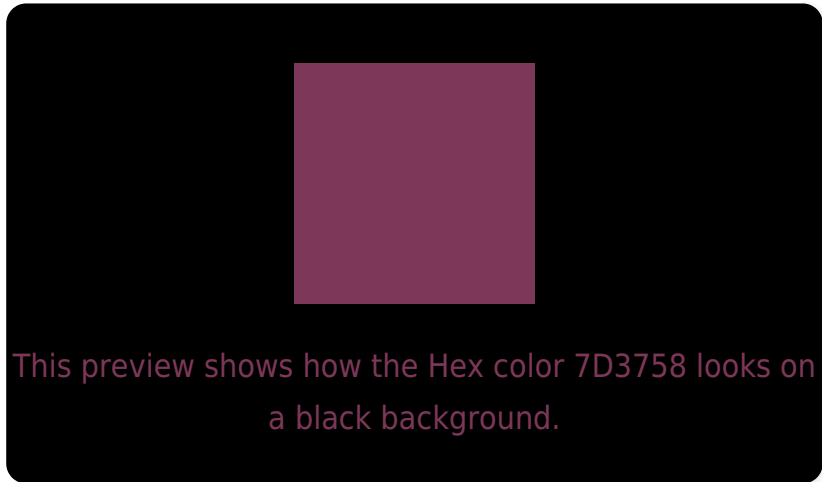
Large Text (above 18pt) WCAG AA ✓ Pass

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

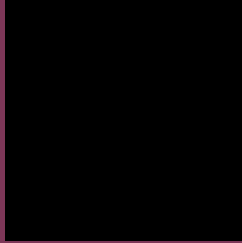
Any Text WCAG AA × Fail

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 7D3758 Background



This preview shows how black text looks on a background with the Hex color 7D3758.

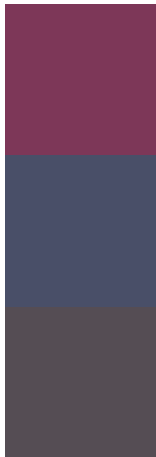


This preview shows how white text looks on a background with the Hex color 7D3758.

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
7D3758

Protanopia
494F68

Deuteranopia
554D54



Tritanopia
7B3C40

Trichromacy



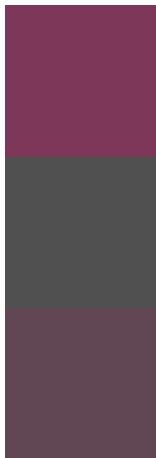
Original Color
7D3758

Protanomaly
5C4662

Deuteranomaly
644555

Tritanomaly
7C3A49

Monochromacy



Original Color
7D3758

Achromatopsia
505050

Achromatomaly
604753

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D3758 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 #7D3758 looks like.

```
.text, #text, p{  
    color:#7D3758  
}
```

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 #7D3758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3758
}
```

Border

The CSS property to change the border of an element to Hex 7D3758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

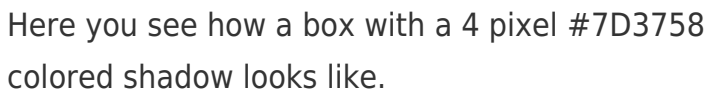
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D3758 }
```

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

```
.border{ border-color:#7D3758 }
```

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



Here you see how a box with a 4 pixel #7D3758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3758; -webkit-box-shadow:4px 4px  
4px 4px #7D3758; box-shadow:4px 4px 4px  
4px #7D3758 }
```

Background

The CSS property to change the background color of an element to Hex 7D3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3758 }
```

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

```
.background{ background-color:#7D3758 }
```

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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