

Converting Colors

Decimal(7833987)

Have a look what the booklet for
Decimal(7833987) contains.

Decimal(7833987)	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

Decimal(7833987)

Conversions

Conversions Part 1

Format	Color
Hex	778983
RGB	119, 137, 131
RGB Percent	47%, 54%, 51%
CMY	0.5333, 0.4627, 0.4863
CMYK	0.13, 0.00, 0.04, 0.46
HSL	160°, 7%, 50%
HSV	160°, 13%, 54%
XYZ	20.6501, 23.4520, 24.9110
YIQ	130.9340, -8.8020, -5.6820

Conversions

Conversions Part 2

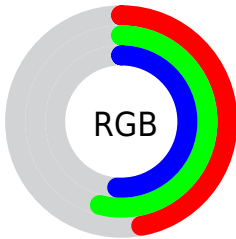
Format	Color
RYB	119, 130, 137
Decimal	7833987
CIELab	55.53, -7.76, 1.01
CIElCh	56, 7.822, 172.558
Yxy	23.4520, 0.2992, 0.3398
Android (android.graphics.Color)	4286024067 (0xFF778983)
YUV	130.9340, 0.0325, -10.4661
Hunter-Lab	48.4272, -8.6324, 3.4002

Details

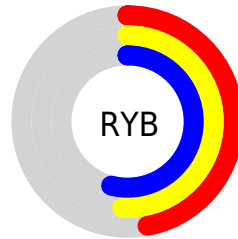
The Decimal color **7833987** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9009021**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **11255480**, and **4609874** is the 20% darker color. If you saturate the color by 10%, you get **6916478**, and if you desaturate by 10%, it is **8751496**.

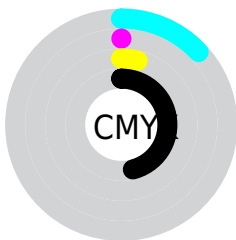
Distribution



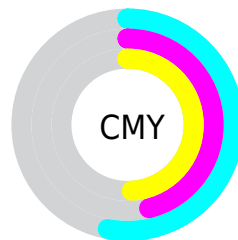
- Red (47%)
- Green (54%)
- Blue (51%)



- Red (47%)
- Yellow (51%)
- Blue (54%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (46%)



- Cyan (53%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7833987 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 Decimal color 7833987 by changing the saturation by 10% instead.

■ 7833987

■ 7833987

16777215

■ 6189162

■ 11255480

■ 4609874

■ 13097684

■ 3162171

■ 14940144

■ 1780261

■ 71184

■ 0

■ 7833987

■ 7833987

■ 6916478

■ 8751496

■ 6064506

■ 9603468

■ 5146997

■ 10520977

■ 4229489

■ 11438485

■ 3377516

■ 12290458

■ 2460008

■ 13207966

■ 1542499

■ 14125475

■ 624990

■ 15042984

■ 35163

■ 15894956

Harmonies

Analogous

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



8226941



7833987



7637386

Triad

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



7833987



8684689



9601658

Complementary

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



7833987



9009021

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.



9732480



7833987



9208461

Square

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



7833987



8160914



9601415



9208952

Rectangle

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



7833987



7702670



9601415



9666940

Sweetspot

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



7833987



11252656



8227191



5593432



14277081



5855577

Same Dimension

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



7833987



9876393



7833225



4080963



34136



1283

Inverse Universe

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



9009021



11769503



9009783



4537920



8716332



327682

Previews

White Background



This preview shows how the Decimal color 7833987 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 7833987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

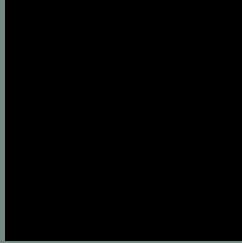
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 7833987 Background



This preview shows how black text looks on a background with the Decimal color 7833987.



This preview shows how white text looks on a background with the Decimal color 7833987.

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](#).

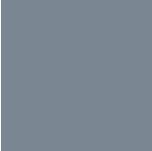
Dichromacy



Original Color
7833987

Protanopia
8946816

Deuteranopia
9535877



Tritanopia
8030098

Trichromacy



Original Color
7833987

Protanomaly
8554113

Deuteranomaly
8946820

Tritanomaly
7964813

Monochromacy



Original Color
7833987

Achromatopsia
8618883

Achromatomaly
8357251

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7833987 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 #778983 looks like.

```
.text, #text, p{  
    color:#778983  
}
```

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 #778983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778983
}
```

Border

The CSS property to change the border of an element to Decimal 7833987 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
#778983 }
```

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

```
.border{ border-color:#778983 }
```

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

Here you see how a box with a 4 pixel #778983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778983; -webkit-box-shadow:4px 4px  
4px 4px #778983; box-shadow:4px 4px 4px  
4px #778983 }
```

Background

The CSS property to change the background color of an element to Decimal 7833987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778983 }
```

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

```
.background{ background-color:#778983 }
```

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