

Converting Colors

Decimal(7876642)

Have a look what the booklet for
Decimal(7876642) contains.

Decimal(7876642)	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(7876642)

Conversions

Conversions Part 1

Format	Color
Hex	783022
RGB	120, 48, 34
RGB Percent	47%, 19%, 13%
CMY	0.5294, 0.8118, 0.8667
CMYK	0.00, 0.60, 0.72, 0.53
HSL	10°, 56%, 30%
HSV	10°, 72%, 47%
XYZ	9.0914, 6.2225, 2.2353
YIQ	67.9320, 47.4060, 10.9100

Conversions

Conversions Part 2

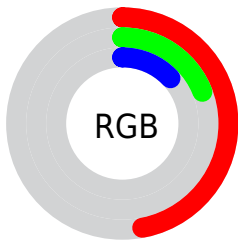
Format	Color
R_{YB}	120, 51, 34
Decimal	7876642
CIE _{Lab}	29.97, 30.53, 24.49
CIE _{LCh}	30, 39.141, 38.734
Yxy	6.2225, 0.5181, 0.3546
Android (android.graphics.Color)	4286066722 (0xFF783022)
YUV	67.9320, -16.7285, 45.6636
Hunter-Lab	24.9449, 21.4026, 12.1486

Details

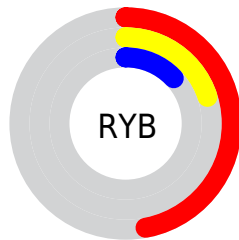
The Decimal color **7876642** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2255480**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **11624783**, and **4325376** is the 20% darker color. If you saturate the color by 10%, you get **7874070**, and if you desaturate by 10%, it is **7879214**.

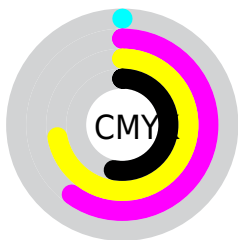
Distribution



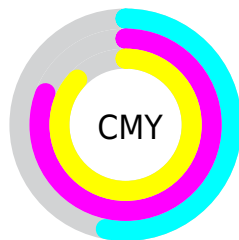
- Red (47%)
- Green (19%)
- Blue (13%)



- Red (47%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (72%)
- Black (53%)



- Cyan (53%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7876642 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 7876642 by changing the saturation by 10% instead.

 7876642

 7876642

16777215

 6035469

 11624783

 4325376

 13531751

 2818049

 15504768

 0

 16756890

 16763829

 16771281

 16777197

 7876642

 7876642

■ 7874070

■ 7879214

■ 7871498

■ 7881786

■ 7869440

■ 7884358

■ 7886930

■ 7889502

■ 7892074

■ 7894646

■ 7897218

■ 7899790

Harmonies

Analogous

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



8202303



7876642



6765833

Triad

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



7876642



21295



542595

Complementary

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



7876642



2255480

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.



20607



7876642



21839

Square

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



7876642



2903826



21612



5454454

Rectangle

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



7876642



5653760



21612



19332

Sweetspot

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



7876642



10256249



7873131



5193274



13619151



5197647

Same Dimension

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



7876642



10234902



7887394



4012087



8197120



16525568

Inverse Universe

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



2255480



1476252



2244728



3619901



27005



54268

Previews

White Background



This preview shows how the Decimal color 7876642 looks on a white background.

Color Contrast Check

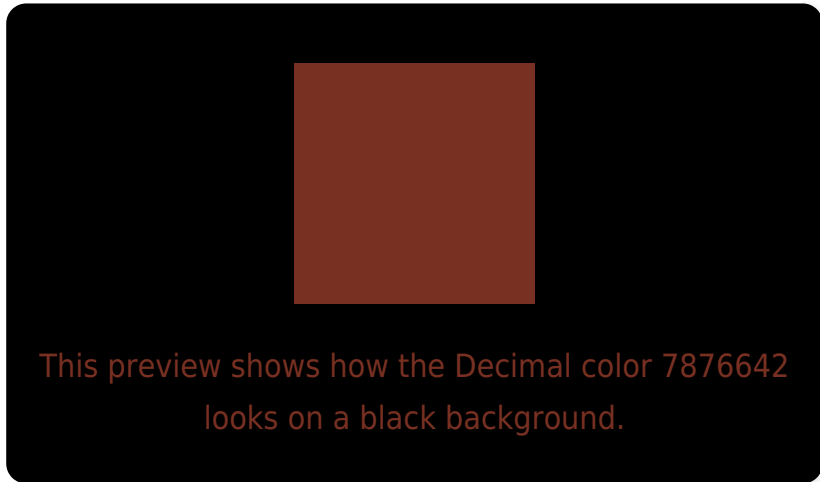
Large Text (above 18pt) WCAG AA ✓ Pass

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

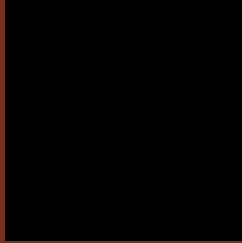
Any Text WCAG AA × Fail

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](#).

Decimal 7876642 Background



This preview shows how black text looks on a background with the Decimal color 7876642.

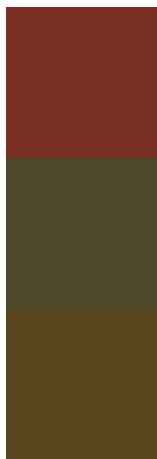


This preview shows how white text looks on a background with the Decimal color 7876642.

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
7876642

Protanopia
5130282

Deuteranopia
5850142

Trichromacy



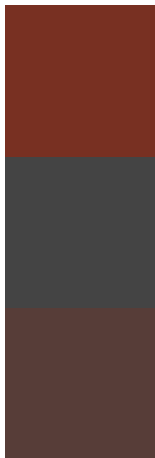
Original Color
7876642

Protanomaly
6111015

Deuteranomaly
6569247

Tritanomaly
7941932

Monochromacy



Original Color
7876642

Achromatopsia
4473924

Achromatomaly
5717304

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7876642 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 #783022 looks like.

```
.text, #text, p{  
    color:#783022  
}
```

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 #783022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783022
}
```

Border

The CSS property to change the border of an element to Decimal 7876642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

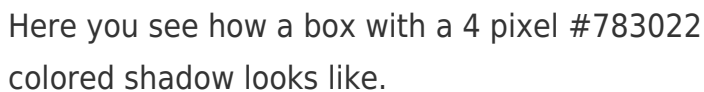
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783022 }
```

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

```
.border{ border-color:#783022 }
```

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



Here you see how a box with a 4 pixel #783022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783022; -webkit-box-shadow:4px 4px  
4px 4px #783022; box-shadow:4px 4px 4px  
4px #783022 }
```

Background

The CSS property to change the background color of an element to Decimal 7876642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783022 }
```

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

```
.background{ background-color:#783022 }
```

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