

Converting Colors

Decimal(7678537)

Have a look what the booklet for
Decimal(7678537) contains.

Decimal(7678537)	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(7678537)

Conversions

Conversions Part 1

Format	Color
Hex	752A49
RGB	117, 42, 73
RGB Percent	46%, 16%, 29%
CMY	0.5412, 0.8353, 0.7137
CMYK	0.00, 0.64, 0.38, 0.54
HSL	335°, 47%, 31%
HSV	335°, 64%, 46%
XYZ	9.3667, 5.9189, 6.9521
YIQ	67.9590, 34.7490, 25.5410

Conversions

Conversions Part 2

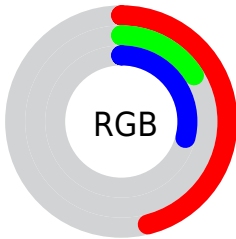
Format	Color
R_{YB}	117, 42, 73
Decimal	7678537
CIE Lab	29.21, 36.09, -1.99
CIE LCh	29, 36.148, 356.837
Yxy	5.9189, 0.4212, 0.2662
Android (android.graphics.Color)	4285868617 (0xFF752A49)
YUV	67.9590, 2.4852, 43.0090
Hunter-Lab	24.3287, 26.1481, 0.0876

Details

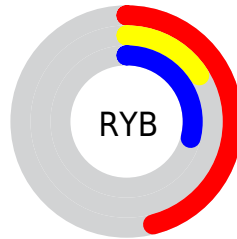
The Decimal color **7678537** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2782550**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **11295865**, and **4259870** is the 20% darker color. If you saturate the color by 10%, you get **7675458**, and if you desaturate by 10%, it is **7681616**.

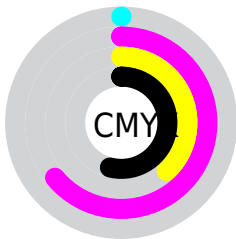
Distribution



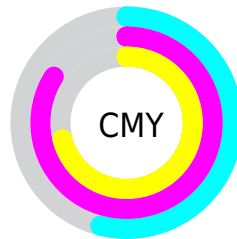
- Red (46%)
- Green (16%)
- Blue (29%)



- Red (46%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (64%)
- Yellow (38%)
- Black (54%)



- Cyan (54%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7678537 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 7678537 by changing the saturation by 10% instead.



7678537



7678537

16777215



5967923



11295865



4259870



13137555



2883587



15044782



0



16755657



16762853



16770047



7678537



7678537



7675458



7681616

7672635

7684439

7669556

7687518

7667760

7690596

7693675

7696498

7699577

7702656

7705479

Harmonies

Analogous

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



6566500



7678537



7744813

Triad

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



7678537



3820301



20339

Complementary

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



7678537



2782550

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.



21085



7678537



1134629

Square

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



7678537



5652998



21057



18813

Rectangle

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



7678537



7353373



21057



20589

Sweetspot

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



7678537



10058888



5646965



5061442



13421772



5066061

Same Dimension

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



7678537



10036052



7680042



3880247



7995443



16384103

Inverse Universe

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



7678537



10036052



2781045



3880247



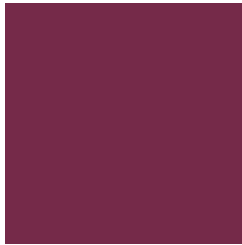
7995443



16384103

Previews

White Background



This preview shows how the Decimal color 7678537 looks on a white background.

Color Contrast Check

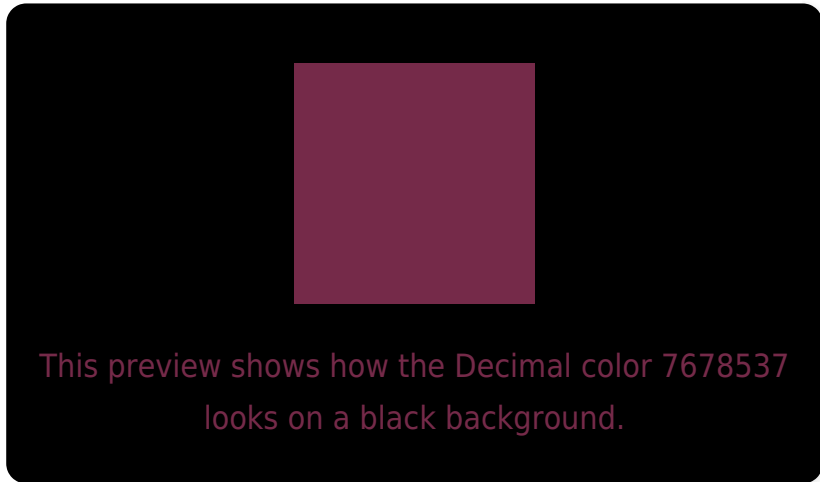
Large Text (above 18pt) WCAG AA ✓ Pass

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

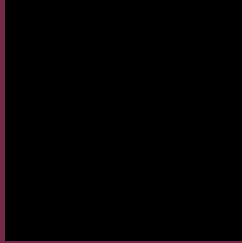
Any Text WCAG AA × Fail

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 7678537 Background



This preview shows how black text looks on a background with the Decimal color 7678537.



This preview shows how white text looks on a background with the Decimal color 7678537.

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
7678537

Protanopia
4212058

Deuteranopia
5063749

Trichromacy



Original Color

7678537

Protanomaly

5454676

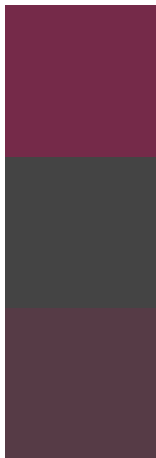
Deuteranomaly

6044486

Tritanomaly

7613754

Monochromacy



Original Color

7678537

Achromatopsia

4473924

Achromatomaly

5651270

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7678537 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 #752A49 looks like.

```
.text, #text, p{  
    color:#752A49  
}
```

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 #752A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752A49
}
```

Border

The CSS property to change the border of an element to Decimal 7678537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

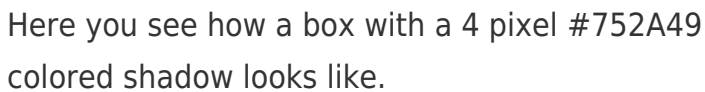
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#752A49 }
```

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

```
.border{ border-color:#752A49 }
```

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



Here you see how a box with a 4 pixel #752A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752A49; -webkit-box-shadow:4px 4px  
4px 4px #752A49; box-shadow:4px 4px 4px  
4px #752A49 }
```

Background

The CSS property to change the background color of an element to Decimal 7678537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752A49 }
```

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

```
.background{ background-color:#752A49 }
```

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