

Converting Colors

Decimal(7627583)

Have a look what the booklet for
Decimal(7627583) contains.

Decimal(7627583)	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(7627583)

Conversions

Conversions Part 1

Format	Color
Hex	74633F
RGB	116, 99, 63
RGB Percent	45%, 39%, 25%
CMY	0.5451, 0.6118, 0.7529
CMYK	0.00, 0.15, 0.46, 0.55
HSL	41°, 30%, 35%
HSV	41°, 46%, 45%
XYZ	12.5615, 12.9956, 6.5490
YIQ	99.9790, 21.6880, -7.5920

Conversions

Conversions Part 2

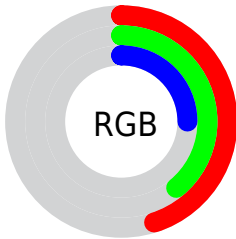
Format	Color
R_{YB}	88, 116, 63
Decimal	7627583
CIE _{Lab}	42.76, 1.42, 22.94
CIE _{LCh}	43, 22.987, 86.447
Yxy	12.9956, 0.3913, 0.4048
Android (android.graphics.Color)	4285817663 (0xFF74633F)
YUV	99.9790, -18.2306, 14.0504
Hunter-Lab	36.0494, -0.8876, 14.4636

Details

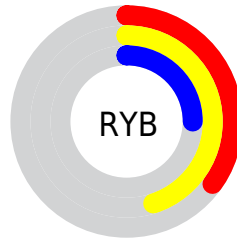
The Decimal color **7627583** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4149364**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **11114095**, and **4338963** is the 20% darker color. If you saturate the color by 10%, you get **7626547**, and if you desaturate by 10%, it is **7628619**.

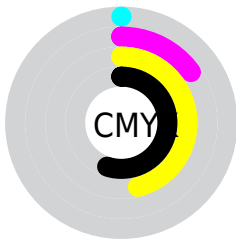
Distribution



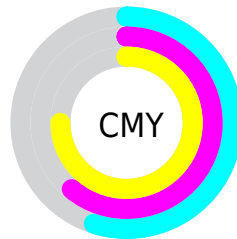
- Red (45%)
- Green (39%)
- Blue (25%)



- Red (35%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (15%)
- Yellow (46%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7627583 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 7627583 by changing the saturation by 10% instead.

 7627583

 7627583

16777215

 5983017

 11114095

 4338963

 12955785

 2891520

 14797987

 1181696

 16705726

 0

 16777178

 16777207

 7627583

 7627583

 7626547

 7628619

■ 7625768

■ 7629398

■ 7624732

■ 7630434

■ 7623697

■ 7631469

■ 7622661

■ 7632505

■ 7622400

■ 7633285

■ 7634320

■ 7635356

■ 7636135

Harmonies

Analogous

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



8609094



7627583



6318402

Triad

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



7627583



2322293



8084090

Complementary

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



7627583



4149364

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.



6578567



7627583



2845828

Square

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



7627583



3370850



4679563



8935272

Rectangle

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



7627583



5401674



4679563



7625855

Sweetspot

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



7627583



9867393



7618385



5064767



13421772



5066061

Same Dimension

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



7627583



9862212



7042111



3881269



8016640



16427520

Inverse Universe

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



4149364



4480662



4734836



3487547



10106



20730

Previews

White Background



This preview shows how the Decimal color 7627583 looks on a white background.

Color Contrast Check

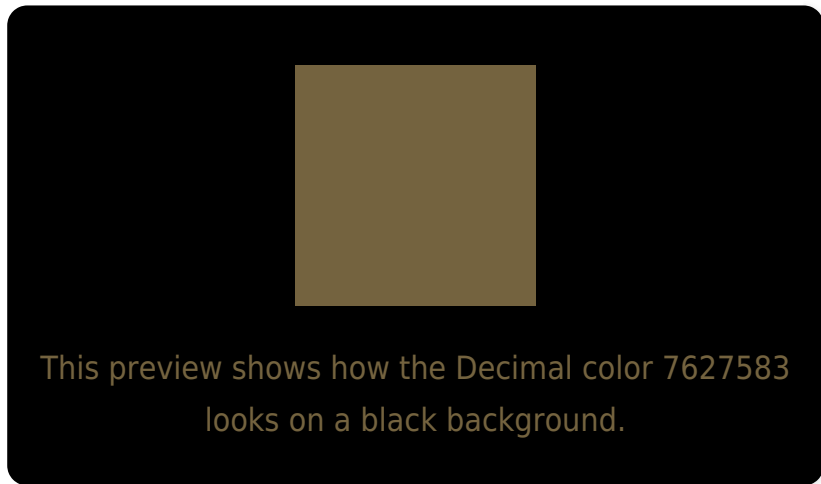
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

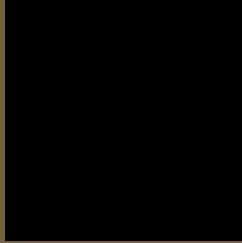
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 7627583 Background



This preview shows how black text looks on a background with the Decimal color 7627583.



This preview shows how white text looks on a background with the Decimal color 7627583.

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
7627583

Protanopia
7234880

Deuteranopia
8020288



Tritanopia
7888486

Trichromacy



Original Color
7627583

Protanomaly
7365696

Deuteranomaly
7889472

Tritanomaly
7823448

Monochromacy



Original Color
7627583

Achromatopsia
6579300

Achromatomaly
6972503

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7627583 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 #74633F looks like.

```
.text, #text, p{  
    color:#74633F  
}
```

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 #74633F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74633F
}
```

Border

The CSS property to change the border of an element to Decimal 7627583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

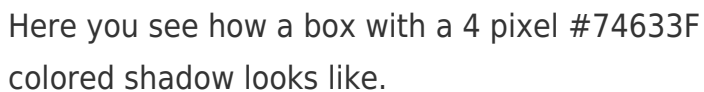
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74633F }
```

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

```
.border{ border-color:#74633F }
```

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



Here you see how a box with a 4 pixel #74633F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74633F; -webkit-box-shadow:4px 4px  
4px 4px #74633F; box-shadow:4px 4px 4px  
4px #74633F }
```

Background

The CSS property to change the background color of an element to Decimal 7627583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74633F }
```

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

```
.background{ background-color:#74633F }
```

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