

Converting Colors

Decimal(7686744)

Have a look what the booklet for
Decimal(7686744) contains.

Decimal(7686744)	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(7686744)

Conversions

Conversions Part 1

Format	Color
Hex	754A58
RGB	117, 74, 88
RGB Percent	46%, 29%, 35%
CMY	0.5412, 0.7098, 0.6549
CMYK	0.00, 0.37, 0.25, 0.54
HSL	340°, 23%, 37%
HSV	340°, 37%, 46%
XYZ	11.5463, 9.3840, 10.4353
YIQ	88.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

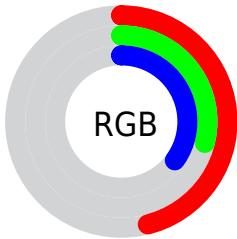
Format	Color
R _Y B	117, 74, 88
Decimal	7686744
CIE Lab	36.71, 20.42, -0.64
CIE LCh	37, 20.428, 358.203
Yxy	9.3840, 0.3681, 0.2992
Android (android.graphics.Color)	4285876824 (0xFF754A58)
YUV	88.4530, -0.2233, 25.0357
Hunter-Lab	30.6334, 13.6718, 1.2462

Details

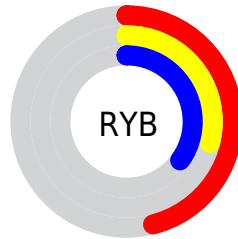
The Decimal color **7686744** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4879719**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **11172746**, and **4398379** is the 20% darker color. If you saturate the color by 10%, you get **7683664**, and if you desaturate by 10%, it is **7689824**.

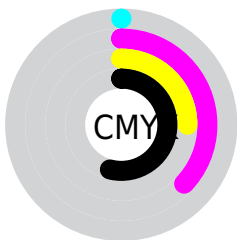
Distribution



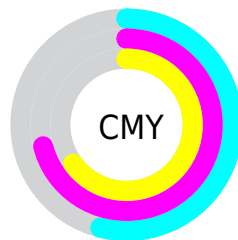
- Red (46%)
- Green (29%)
- Blue (35%)



- Red (46%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (25%)
- Black (54%)



- Cyan (54%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7686744 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 7686744 by changing the saturation by 10% instead.

■ 7686744

■ 7686744

16777215

■ 6042433

■ 11172746

■ 4398379

■ 13014436

■ 2885398

■ 14856383

■ 983040

■ 16764123

■ 0

■ 16771319

■ 7686744

■ 7686744

■ 7683664

■ 7689824

■ 7680840

■ 7692648

■ 7677760

■ 7695728

■ 7674680

■ 7698808

■ 7671601

■ 7701631

■ 7668777

■ 7704711

■ 7667750

■ 7707791

■ 7710871

■ 7713695

Harmonies

Analogous

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



6966632



7686744



7752520

Triad

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



7686744



5331513



2514290

Complementary

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



7686744



4879719

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.



1924965



7686744



4087365

Square

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



7686744



6509877



2842453



4085879

Rectangle

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



7686744



7556671



2842453



2121326

Sweetspot

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



7686744



10061966



6769269



5063494



13421772



5066061

Same Dimension

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



7686744



10049132



7688522



3880247



7995432



16384081

Inverse Universe

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



7686744



10049132



4877941



3880247



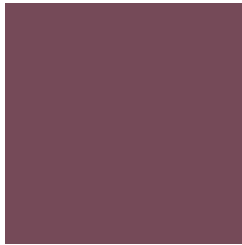
7995432



16384081

Previews

White Background



This preview shows how the Decimal color 7686744 looks on a white background.

Color Contrast Check

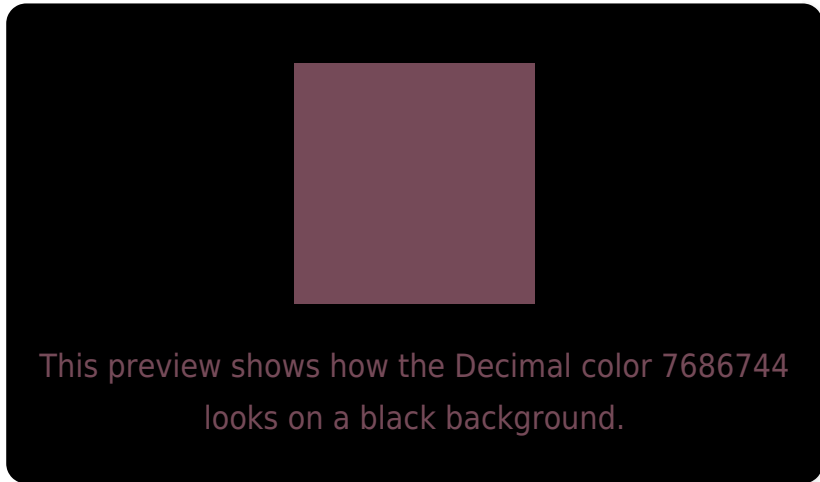
Large Text (above 18pt) WCAG AA ✓ Pass

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

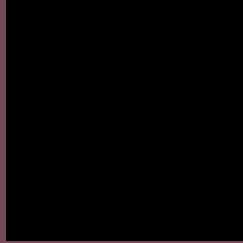
Any Text WCAG AA × Fail

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 7686744 Background



This preview shows how black text looks on a background with the Decimal color 7686744.



This preview shows how white text looks on a background with the Decimal color 7686744.

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


7686744

Protanopia

5658207

Deuteranopia

6247510



Tritanopia
7621457

Trichromacy



Original Color

7686744

Protanomaly

6378076

Deuteranomaly

6770775

Tritanomaly

7621460

Monochromacy



Original Color

7686744

Achromatopsia

5789784

Achromatomaly

6509400

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7686744 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 #754A58 looks like.

```
.text, #text, p{  
    color:#754A58  
}
```

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 #754A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754A58
}
```

Border

The CSS property to change the border of an element to Decimal 7686744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

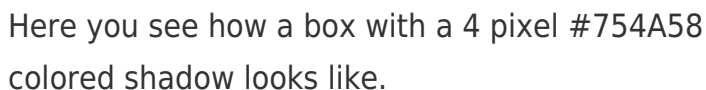
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754A58 }
```

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

```
.border{ border-color:#754A58 }
```

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



Here you see how a box with a 4 pixel #754A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754A58; -webkit-box-shadow:4px 4px  
4px 4px #754A58; box-shadow:4px 4px 4px  
4px #754A58 }
```

Background

The CSS property to change the background color of an element to Decimal 7686744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754A58 }
```

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

```
.background{ background-color:#754A58 }
```

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