

# Converting Colors

Decimal(7827816)

Have a look what the booklet for  
Decimal(7827816) contains.

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# Color

**Decimal(7827816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	777168
RGB	119, 113, 104
RGB Percent	47%, 44%, 41%
CMY	0.5333, 0.5569, 0.5922
CMYK	0.00, 0.05, 0.13, 0.53
HSL	36°, 7%, 44%
HSV	36°, 13%, 47%
XYZ	16.0116, 16.7317, 15.4823
YIQ	113.7680, 6.4650, -1.5270

# Conversions

## Conversions Part 2

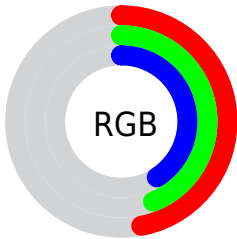
Format	Color
R <sub>Y</sub> B	114, 119, 104
Decimal	7827816
CIE Lab	47.92, 0.63, 5.82
CIE LCh	48, 5.852, 83.860
Yxy	16.7317, 0.3320, 0.3469
Android (android.graphics.Color)	4286017896 (0xFF777168)
YUV	113.7680, -4.8156, 4.5885
Hunter-Lab	40.9044, -1.7108, 6.1917

# Details

The Decimal color **7827816** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6844023**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **11249051**, and **4669753** is the 20% darker color. If you saturate the color by 10%, you get **7826524**, and if you desaturate by 10%, it is **7829108**.

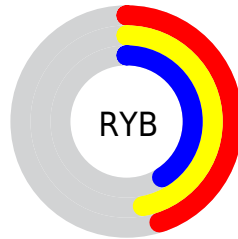
# Distribution



Red (47%)

Green (44%)

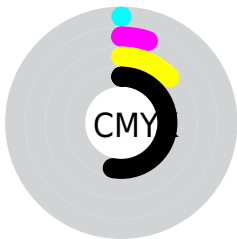
Blue (41%)



Red (45%)

Yellow (47%)

Blue (41%)

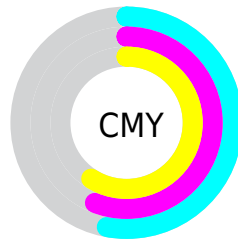


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7827816 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 7827816 by changing the saturation by 10% instead.





7827816



7827816

16777215



6183248



11249051



4669753



13090998



3156772



14933201



1840910



16775406



0



7827816



7827816



7826524



7829108



7825232



7830400



7824196



7831436

■ 7822904

■ 7832728

■ 7821613

■ 7834019

■ 7820321

■ 7835311

■ 7819285

■ 7836347

■ 7817993

■ 7837639

■ 7816960

■ 7838931

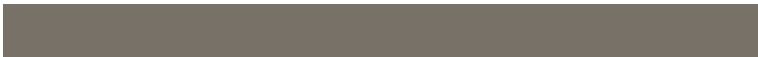
# Harmonies

## Analogous

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



8089706



7827816



7500649

# Triad

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



7827816



6714741



7827320

# Complementary

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



7827816



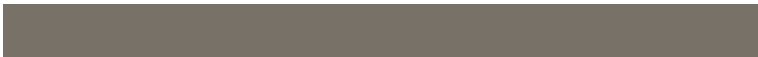
6844023

# 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.



7500155



7827816



6780025

# Square

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



7827816



6780272



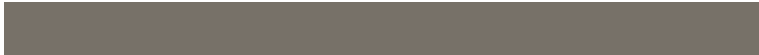
7107195



8089459

# Rectangle

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



7827816



7238763



7107195



7762041



# Sweetspot

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



7827816



10262933



7825518



5197131



13619151



5197647



# Same Dimension

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



7827816



10261124



7763816



3881013



8014080



16422400



# Inverse Universe

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



6844023



8687260



6908023



3487547



12666

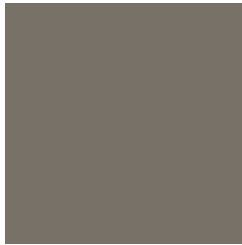


25850



# Previews

## White Background



This preview shows how the Decimal color 7827816 looks on a white background.

## Color Contrast Check

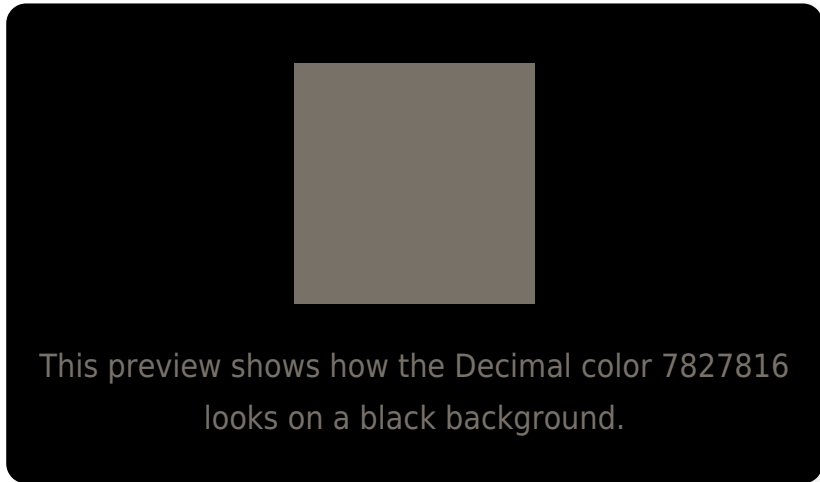
Large Text (above 18pt) WCAG AA ✓ Pass

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

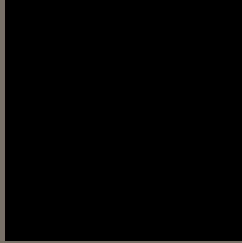
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7827816 Background



This preview shows how black text looks on a background with the Decimal color 7827816.

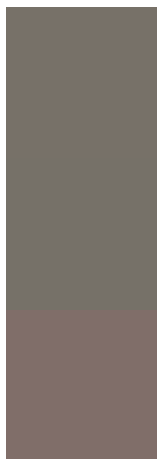


This preview shows how white text looks on a background with the Decimal color 7827816.

# 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**

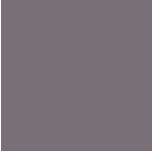
7827816

**Protanopia**

7762280

**Deuteranopia**

8416873



**Tritanopia**  
7958391

# Trichromacy



**Original Color**

7827816

**Protanomaly**

7762280

**Deuteranomaly**

8220521

**Tritanomaly**

7893106

# Monochromacy



**Original Color**

7827816

**Achromatopsia**

7500402

**Achromatomaly**

7631470

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7827816 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 #777168 looks like.

```
.text, #text, p{  
    color:#777168  
}
```

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 #777168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777168
}
```

## Border

The CSS property to change the border of an element to Decimal 7827816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

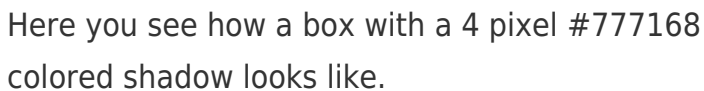
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#777168 }
```

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

```
.border{ border-color:#777168 }
```

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



Here you see how a box with a 4 pixel #777168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777168; -webkit-box-shadow:4px 4px  
4px 4px #777168; box-shadow:4px 4px 4px  
4px #777168 }
```

# Background

The CSS property to change the background color of an element to Decimal 7827816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777168 }
```

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

```
.background{ background-color:#777168 }
```

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](#).



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