

# Converting Colors

Decimal(7827256)

Have a look what the booklet for  
Decimal(7827256) contains.

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**Color**

**Decimal(7827256)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	776F38
RGB	119, 111, 56
RGB Percent	47%, 44%, 22%
CMY	0.5333, 0.5647, 0.7804
CMYK	0.00, 0.07, 0.53, 0.53
HSL	52°, 36%, 34%
HSV	52°, 53%, 47%
XYZ	14.0060, 15.5763, 6.0097
YIQ	107.1220, 22.4230, -15.4090

# Conversions

## Conversions Part 2

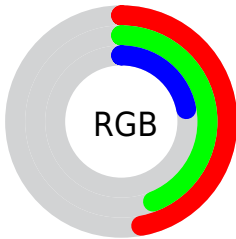
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 119, 56
Decimal	7827256
CIELab	46.41, -4.93, 31.46
CIELCh	46, 31.845, 98.903
Yxy	15.5763, 0.3935, 0.4376
Android (android.graphics.Color)	4286017336 (0xFF776F38)
YUV	107.1220, -25.2031, 10.4170
Hunter-Lab	39.4669, -5.7210, 18.5986

# Details

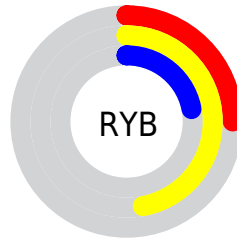
The Decimal color **7827256** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3686519**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **11379305**, and **4538377** is the 20% darker color. If you saturate the color by 10%, you get **7826732**, and if you desaturate by 10%, it is **7827780**.

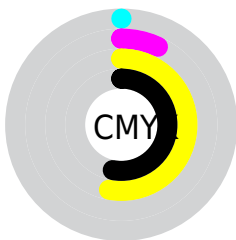
# Distribution



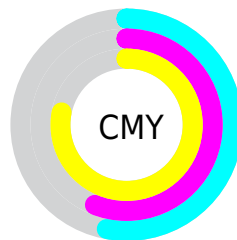
- Red (47%)
- Green (44%)
- Blue (22%)



- Red (25%)
- Yellow (47%)
- Blue (22%)



- Cyan (0%)
- Magenta (7%)
- Yellow (53%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7827256 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 7827256 by changing the saturation by 10% instead.



 7827256

 7827256

16777215

 6117153

 11379305

 4538377

 13221250

 3025408

 15063452

 1316352

 16774840

 0

 16777171

 16777200

 7827256

 7827256

 7826732

 7827780

■ 7826464

■ 7828048

■ 7825940

■ 7828572

■ 7825672

■ 7828840

■ 7825408

■ 7829363

■ 7829631

■ 7830155

■ 7830423

■ 7830947

# Harmonies

## Analogous

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



9332284



7827256



5928515

# Triad

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



7827256



31631



9853826

# Complementary

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



7827256



3686519

# 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.



8086680



7827256



1210015

# Square

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



7827256



31861



5402275



10573927

# Rectangle

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



7827256



4487505



5402275



9330314



# Sweetspot

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



7827256



10262659



7813184



5197120



13619151



5197647



# Same Dimension

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



7827256



10260280



6321976



3881525



8022784



16439808



# Inverse Universe

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



3686519



3687836



5191799



3487291



4218



8442



# Previews

## White Background



This preview shows how the Decimal color 7827256 looks on a white background.

## Color Contrast Check

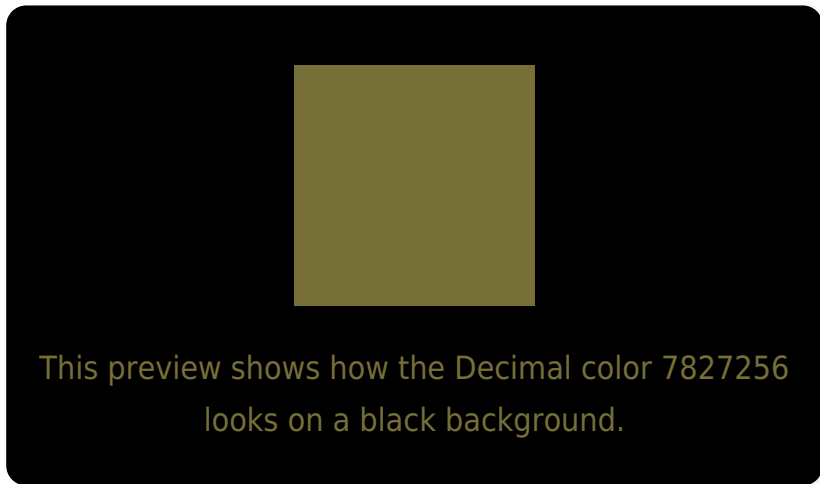
Large Text (above 18pt) WCAG AA ✓ Pass

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 7827256 Background



This preview shows how black text looks on a background with the Decimal color 7827256.



This preview shows how white text looks on a background with the Decimal color 7827256.

# 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**


7827256

**Protanopia**

8023608

**Deuteranopia**

8874298



**Tritanopia**  
8218993

# Trichromacy



**Original Color**  
7827256

**Protanomaly**  
7958072

**Deuteranomaly**  
8481593

**Tritanomaly**  
8088412

# Monochromacy



**Original Color**  
7827256

**Achromatopsia**  
7039851

**Achromatomaly**  
7302232

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7827256 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 #776F38 looks like.

```
.text, #text, p{  
  color:#776F38  
}
```

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 #776F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776F38
}
```

## Border

The CSS property to change the border of an element to Decimal 7827256 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
#776F38 }
```

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

```
.border{ border-color:#776F38 }
```

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

Here you see how a box with a 4 pixel #776F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776F38; -webkit-box-shadow:4px 4px  
4px 4px #776F38; box-shadow:4px 4px 4px  
4px #776F38 }
```

# Background

The CSS property to change the background color of an element to Decimal 7827256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776F38 }
```

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

```
.background{ background-color:#776F38 }
```

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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