

# Converting Colors

Decimal(7829582)

Have a look what the booklet for  
Decimal(7829582) contains.

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**Color**

**Decimal(7829582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77784E
RGB	119, 120, 78
RGB Percent	47%, 47%, 31%
CMY	0.5333, 0.5294, 0.6941
CMYK	0.01, 0.00, 0.35, 0.53
HSL	61°, 21%, 39%
HSV	61°, 35%, 47%
XYZ	15.6994, 17.9049, 9.8363
YIQ	114.9130, 12.8860, -13.2740

# Conversions

## Conversions Part 2

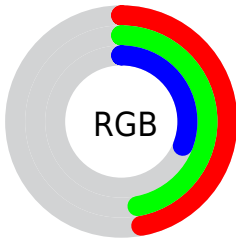
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 120, 79
Decimal	7829582
CIELab	49.38, -7.48, 22.98
CIElCh	49, 24.170, 108.017
Yxy	17.9049, 0.3614, 0.4122
Android (android.graphics.Color)	4286019662 (0xFF77784E)
YUV	114.9130, -18.1981, 3.5843
Hunter-Lab	42.3142, -7.8231, 15.8375

# Details

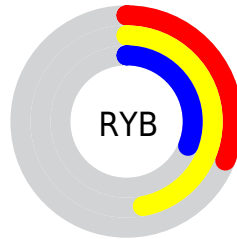
The Decimal color **7829582** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5197432**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **11316352**, and **4605985** is the 20% darker color. If you saturate the color by 10%, you get **7829570**, and if you desaturate by 10%, it is **7829594**.

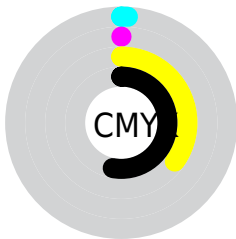
# Distribution



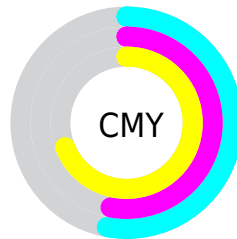
- Red (47%)
- Green (47%)
- Blue (31%)



- Red (31%)
- Yellow (47%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (35%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7829582 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 7829582 by changing the saturation by 10% instead.



 7829582

 7829582

16777215

 6184759

 11316352

 4605985

 13092762

 3092747

 15000757

 1645568

 16777168

 0

 16777197

 7829582

 7829582

 7829570

 7829594

 7764022

 7895142

■ 7764010

■ 7895154

■ 7763998

■ 7895166

■ 7763986

■ 7895178

■ 7698438

■ 7960726

■ 7698432

■ 7960738

■ 7960750

■ 8026298

# Harmonies

## Analogous

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



9138509



7829582



6323545

# Triad

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



7829582



3505811



9987966

# Complementary

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



7829582



5197432

# 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.



8875153



7829582



5143197

# Square

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



7829582



3441025



7173020



10380906

# Rectangle

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



7829582



5275493



7173020



9726085



# Sweetspot

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



7829582



10198154



7884622



5197637



13619151



5197647



# Same Dimension

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



7829582



10132570



6453326



4013367



8027392



16186368



# Inverse Universe

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



5197432



6052508



6573688



3618621



196733



393468



# Previews

## White Background



This preview shows how the Decimal color 7829582 looks on a white background.

## Color Contrast Check

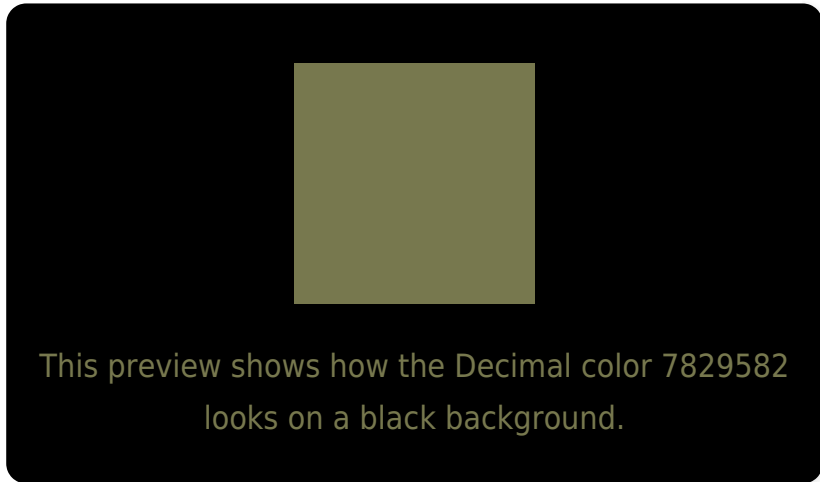
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

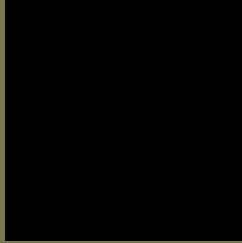
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 7829582 Background



This preview shows how black text looks on a background with the Decimal color 7829582.



This preview shows how white text looks on a background with the Decimal color 7829582.

# 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](#).

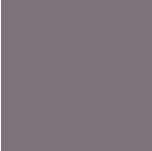
## Dichromacy



**Original Color**  
7829582

**Protanopia**  
8353101

**Deuteranopia**  
9203792



**Tritanopia**  
8155771

# Trichromacy



**Original Color**  
7829582

**Protanomaly**  
8156749

**Deuteranomaly**  
8680271

**Tritanomaly**  
8025195

# Monochromacy



**Original Color**  
7829582

**Achromatopsia**  
7566195

**Achromatomaly**  
7632230

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7829582 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 #77784E looks like.

```
.text, #text, p{  
  color:#77784E  
}
```

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 #77784E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77784E
}
```

## Border

The CSS property to change the border of an element to Decimal 7829582 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
#77784E }
```

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

```
.border{ border-color:#77784E }
```

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

Here you see how a box with a 4 pixel #77784E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77784E; -webkit-box-shadow:4px 4px  
4px 4px #77784E; box-shadow:4px 4px 4px  
4px #77784E }
```

# Background

The CSS property to change the background color of an element to Decimal 7829582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77784E }
```

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

```
.background{ background-color:#77784E }
```

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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