

# Converting Colors

Decimal(8289607)

Have a look what the booklet for  
Decimal(8289607) contains.

<b>Decimal(8289607)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(8289607)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E7D47
RGB	126, 125, 71
RGB Percent	49%, 49%, 28%
CMY	0.5059, 0.5098, 0.7216
CMYK	0.00, 0.01, 0.44, 0.51
HSL	59°, 28%, 39%
HSV	59°, 44%, 49%
XYZ	17.0751, 19.5578, 8.8363
YIQ	119.1430, 17.9300, -16.5820

# Conversions

## Conversions Part 2

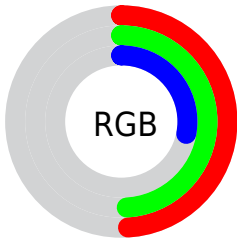
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 126, 71
Decimal	8289607
CIELab	51.33, -8.10, 29.50
CIElCh	51, 30.595, 105.358
Yxy	19.5578, 0.3755, 0.4301
Android (android.graphics.Color)	4286479687 (0xFF7E7D47)
YUV	119.1430, -23.7345, 6.0136
Hunter-Lab	44.2242, -8.4728, 19.1104

# Details

The Decimal color **8289607** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4671614**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **11841912**, and **4934681** is the 20% darker color. If you saturate the color by 10%, you get **8289594**, and if you desaturate by 10%, it is **8289620**.

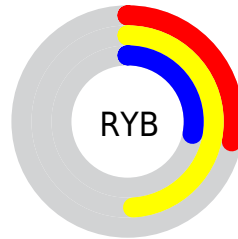
# Distribution



Red (49%)

Green (49%)

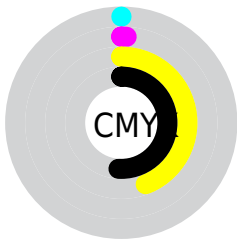
Blue (28%)



Red (28%)

Yellow (49%)

Blue (28%)

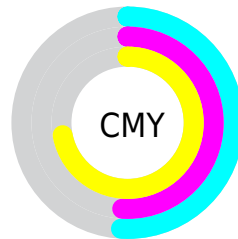


Cyan (0%)

Magenta (1%)

Yellow (44%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8289607 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 8289607 by changing the saturation by 10% instead.





8289607



8289607

16777215



6579248



11841912



4934681



13684115



3421696



15526317



1908736



16777161



2304



16777189



0



8289607



8289607



8289594



8289620



8289582



8289632

■ 8289313

■ 8289901

■ 8289301

■ 8289913

■ 8289288

■ 8289926

■ 8289280

■ 8289939

■ 8290207

■ 8290220

■ 8290232

# Harmonies

## Analogous

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



9925704



8289607



6390869

# Triad

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



8289607



34463



10839944

# Complementary

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



8289607



4671614

# 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.



9334687



8289607



3965356

# Square

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



8289607



1214599



6977709



11363950

# Rectangle

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



8289607



4949604



6977709



10447249



# Sweetspot

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



8289607



10724238



8275785



5394757



13750737



5395026



# Same Dimension

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



8289607



10723918



6585927



4210745



8420608



0



# Inverse Universe

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



4671614



5132451



6375294



3750208



640



0



# Previews

## White Background



This preview shows how the Decimal color 8289607 looks on a white background.

## Color Contrast Check

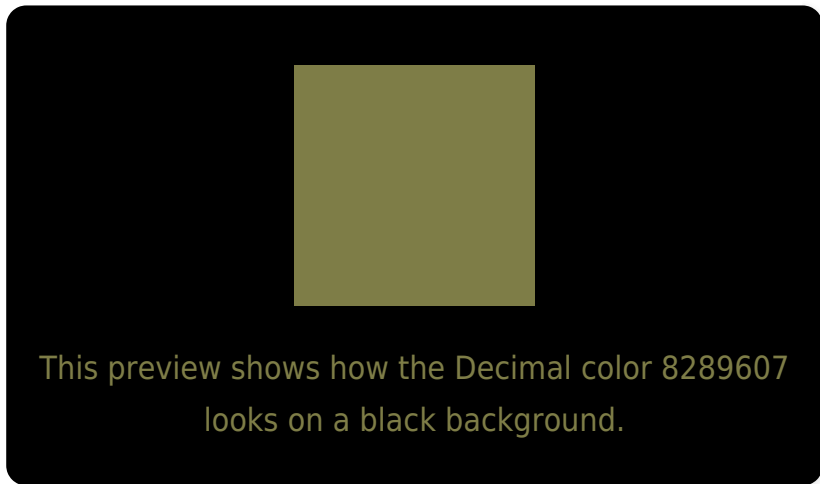
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

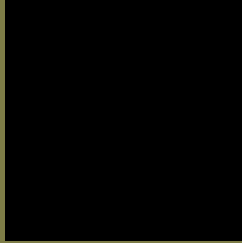
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8289607 Background



This preview shows how black text looks on a background with the Decimal color 8289607.



This preview shows how white text looks on a background with the Decimal color 8289607.

# 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**

8289607

**Protanopia**

8813126

**Deuteranopia**

9729353



**Tritanopia**  
8681088

# Trichromacy



**Original Color**  
8289607

**Protanomaly**  
8616774

**Deuteranomaly**  
9205832

**Tritanomaly**  
8550763

# Monochromacy



**Original Color**  
8289607

**Achromatopsia**  
7829367

**Achromatomaly**  
8026470

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8289607 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 #7E7D47 looks like.

```
.text, #text, p{  
    color:#7E7D47  
}
```

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 #7E7D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7D47
}
```

## Border

The CSS property to change the border of an element to Decimal 8289607 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
#7E7D47 }
```

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

```
.border{ border-color:#7E7D47 }
```

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

Here you see how a box with a 4 pixel #7E7D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7D47; -webkit-box-shadow:4px 4px  
4px 4px #7E7D47; box-shadow:4px 4px 4px  
4px #7E7D47 }
```

# Background

The CSS property to change the background color of an element to Decimal 8289607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7D47 }
```

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

```
.background{ background-color:#7E7D47 }
```

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