

# Converting Colors

Decimal(8223342)

Have a look what the booklet for  
Decimal(8223342) contains.

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# Color

**Decimal(8223342)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D7A6E
RGB	125, 122, 110
RGB Percent	49%, 48%, 43%
CMY	0.5098, 0.5216, 0.5686
CMYK	0.00, 0.02, 0.12, 0.51
HSL	48°, 6%, 46%
HSV	48°, 12%, 49%
XYZ	18.2315, 19.4048, 17.5365
YIQ	121.5290, 5.6400, -3.0960

# Conversions

## Conversions Part 2

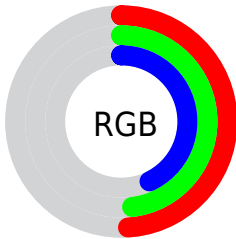
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 125, 110
Decimal	8223342
CIELab	51.16, -1.11, 6.97
CIElCh	51, 7.062, 99.082
Yxy	19.4048, 0.3304, 0.3517
Android (android.graphics.Color)	4286413422 (0xFF7D7A6E)
YUV	121.5290, -5.6838, 3.0441
Hunter-Lab	44.0509, -3.2129, 7.2326

# Details

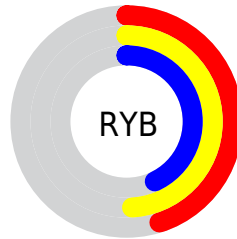
The Decimal color **8223342** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7238013**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **11710114**, and **4999486** is the 20% darker color. If you saturate the color by 10%, you get **8222818**, and if you desaturate by 10%, it is **8224123**.

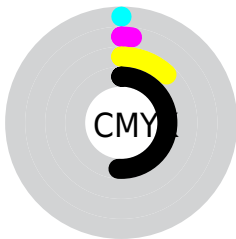
# Distribution



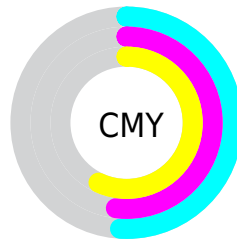
- Red (49%)
- Green (48%)
- Blue (43%)



- Red (45%)
- Yellow (49%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (51%)



- Cyan (51%)
- Magenta (52%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8223342 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 8223342 by changing the saturation by 10% instead.





8223342



8223342

16777215



6578518



11710114



4999486



13486781



3486505



15328984



2104852



16777205



263424



0



8223342



8223342



8222818



8224123



8222037



8224647

■ 8221513

■ 8225172

■ 8220732

■ 8225952

■ 8220208

■ 8226477

■ 8219427

■ 8227257

■ 8218903

■ 8227782

■ 8218122

■ 8228562

■ 8217600

■ 8229087

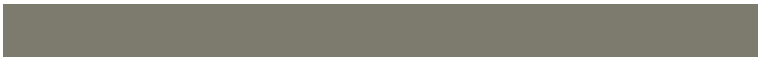
# Harmonies

## Analogous

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



8616047



8223342



7765104

# Triad

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



8223342



7044481



8615550

# Complementary

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



8223342



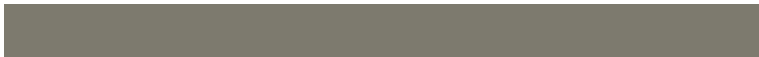
7238013

# 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.



8222851



8223342



7306373

# Square

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



8223342



7110267



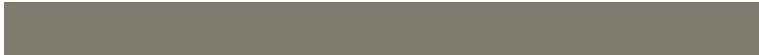
7764614



8877688

# Rectangle

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



8223342



7503220



7764614



8550272



# Sweetspot

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



8223342



10723997



8220273



5394766



13750737



5395026



# Same Dimension

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



8223342



10723212



7961966



4210233



8414720



0



# Inverse Universe

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



7238013



9212323



7564925



3750720



6528



0



# Previews

## White Background



This preview shows how the Decimal color 8223342 looks on a white background.

## Color Contrast Check

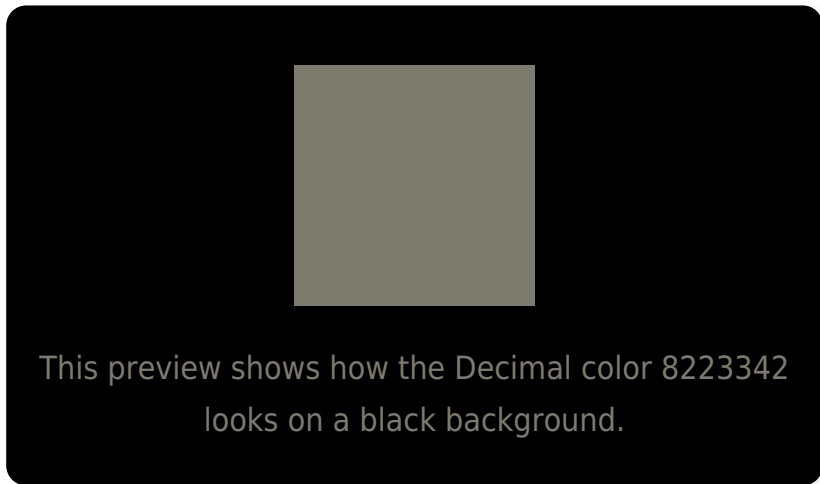
Large Text (above 18pt) WCAG AA ✓ Pass

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

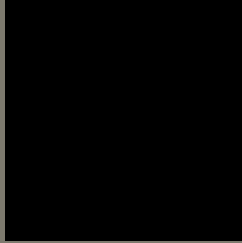
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

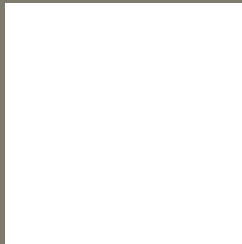
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8223342 Background



This preview shows how black text looks on a background with the Decimal color 8223342.

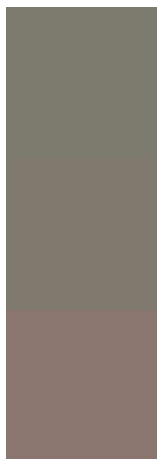


This preview shows how white text looks on a background with the Decimal color 8223342.

# 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**

8223342

**Protanopia**

8354158

**Deuteranopia**

9074031



**Tritanopia**  
8419201

# Trichromacy



**Original Color**  
8223342

**Protanomaly**  
8288622

**Deuteranomaly**  
8746863

**Tritanomaly**  
8353914

# Monochromacy



**Original Color**  
8223342

**Achromatopsia**  
8026746

**Achromatomaly**  
8092278

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8223342 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 #7D7A6E looks like.

```
.text, #text, p{  
    color:#7D7A6E  
}
```

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 #7D7A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7A6E
}
```

## Border

The CSS property to change the border of an element to Decimal 8223342 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
#7D7A6E }
```

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

```
.border{ border-color:#7D7A6E }
```

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

Here you see how a box with a 4 pixel #7D7A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7A6E; -webkit-box-shadow:4px 4px  
4px 4px #7D7A6E; box-shadow:4px 4px 4px  
4px #7D7A6E }
```

# Background

The CSS property to change the background color of an element to Decimal 8223342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7A6E }
```

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

```
.background{ background-color:#7D7A6E }
```

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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