

# Converting Colors

Decimal(15197871)

Have a look what the booklet for  
Decimal(15197871) contains.

<b>Decimal(15197871)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15197871)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7E6AF
RGB	231, 230, 175
RGB Percent	91%, 90%, 69%
CMY	0.0941, 0.0980, 0.3137
CMYK	0.00, 0.00, 0.24, 0.09
HSL	59°, 54%, 80%
HSV	59°, 24%, 91%
XYZ	68.9897, 76.6777, 51.7216
YIQ	224.0290, 18.2510, -16.8930

# Conversions

## Conversions Part 2

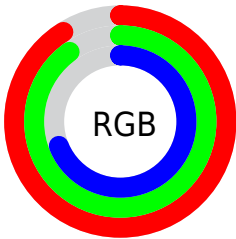
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 231, 175
Decimal	15197871
CIELab	90.17, -8.29, 27.01
CIELCh	90, 28.250, 107.069
Yxy	76.6777, 0.3495, 0.3885
Android (android.graphics.Color)	4293387951 (0xFFE7E6AF)
YUV	224.0290, -24.1713, 6.1136
Hunter-Lab	87.5658, -12.6070, 26.2759

# Details

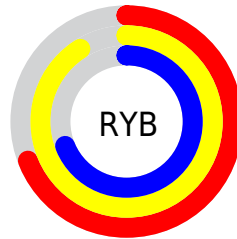
The Decimal color **15197871** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **11514087**, and the grayscale version is **14737632**.

A 20% lighter version of the original color is **16777191**, and **11513722** is the 20% darker color. If you saturate the color by 10%, you get **15197848**, and if you desaturate by 10%, it is **15197894**.

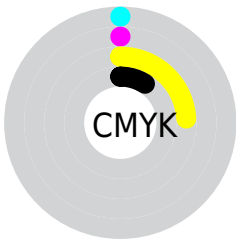
# Distribution



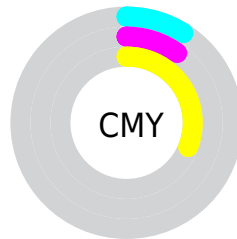
- Red (91%)
- Green (90%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15197871 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 15197871 by changing the saturation by 10% instead.



 15197871

 15197871

16777215

 13355668

 16777191

 11513722

 9737313

 8026697

 6316337

 4737563


 3158787


 1711616


 256

 15197871

 15197871

 15197848


 15197894

 15197569

 15198173

 15197546

 15198196

 15197267

 15198463

 15197243

 15198719

 15197220

 15198975

 15196941

 15196928

# Harmonies

## Analogous

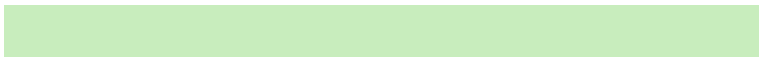
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16768431



15197871



13168061

# Triad

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



15197871



10153983



16765424

# Complementary

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



15197871



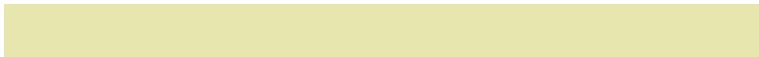
11514087

# Split Complementary

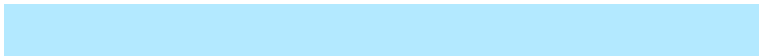
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16439295



15197871



11790847

# Square

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



15197871



10023666



14213375



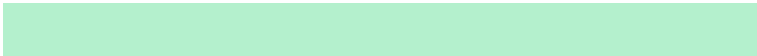
16765140

# Rectangle

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



15197871



11858125



14213375



16765688



# Sweetspot

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



15197871



16777197



15183793



8421237



0



8421504



# Same Dimension

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



15197871



16776885



13494191



7566183



11775744



3355136



# Inverse Universe

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



11514087



11908863



13217767



6776691



947

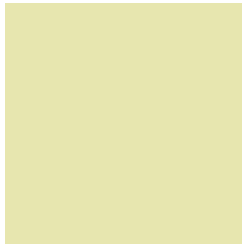


307



# Previews

## White Background



This preview shows how the Decimal color 15197871 looks on a white background.

## Color Contrast Check

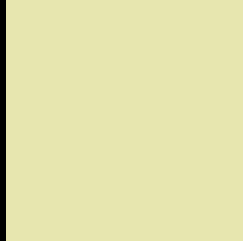
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 15197871 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

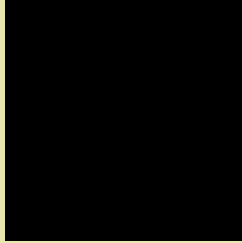
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15197871 Background



This preview shows how black text looks on a background with the Decimal color 15197871.

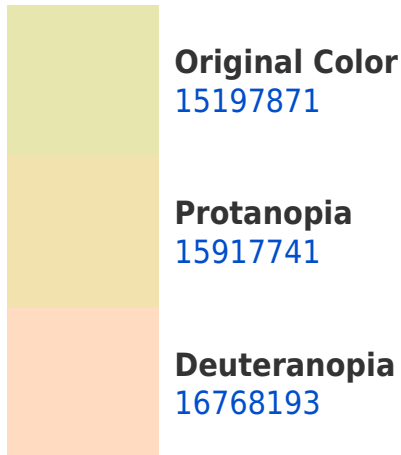


This preview shows how white text looks on a background with the Decimal color 15197871.

# 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](#).

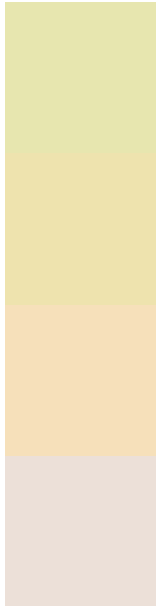
## Dichromacy





**Tritanopia**  
15719919

# Trichromacy



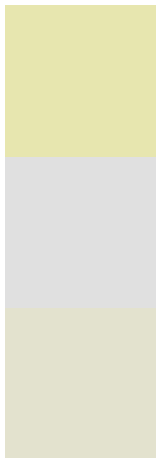
**Original Color**  
15197871

**Protanomaly**  
15655854

**Deuteranomaly**  
16179386

**Tritanomaly**  
15524056

# Monochromacy



**Original Color**  
15197871

**Achromatopsia**  
14737632

**Achromatomaly**  
14934734

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15197871 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 #E7E6AF looks like.

```
.text, #text, p{  
    color:#E7E6AF  
}
```

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 #E7E6AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7E6AF
}
```

## Border

The CSS property to change the border of an element to Decimal 15197871 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
#E7E6AF }
```

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

```
.border{ border-color:#E7E6AF }
```

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

Here you see how a box with a 4 pixel #E7E6AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7E6AF; -webkit-box-shadow:4px 4px  
4px 4px #E7E6AF; box-shadow:4px 4px 4px  
4px #E7E6AF }
```

# Background

The CSS property to change the background color of an element to Decimal 15197871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7E6AF }
```

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

```
.background{ background-color:#E7E6AF }
```

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