

# Converting Colors

Decimal(15193754)

Have a look what the booklet for  
Decimal(15193754) contains.

<b>Decimal(15193754)</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(15193754)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7D69A
RGB	231, 214, 154
RGB Percent	91%, 84%, 60%
CMY	0.0941, 0.1608, 0.3961
CMYK	0.00, 0.07, 0.33, 0.09
HSL	47°, 62%, 75%
HSV	47°, 33%, 91%
XYZ	62.8343, 67.4152, 40.2726
YIQ	212.2430, 29.3920, -15.0560

# Conversions

## Conversions Part 2

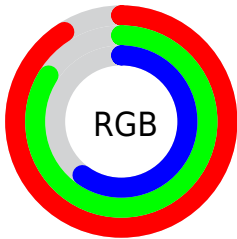
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 231, 154
Decimal	15193754
CIELab	85.71, -2.85, 31.80
CIELCh	86, 31.931, 95.122
Yxy	67.4152, 0.3685, 0.3953
Android (android.graphics.Color)	4293383834 (0xFFE7D69A)
YUV	212.2430, -28.7138, 16.4499
Hunter-Lab	82.1067, -7.0850, 28.3935

# Details

The Decimal color **15193754** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **10136551**, and the grayscale version is **14013909**.

A 20% lighter version of the original color is **16777169**, and **11444070** is the 20% darker color. If you saturate the color by 10%, you get **15192451**, and if you desaturate by 10%, it is **15195057**.

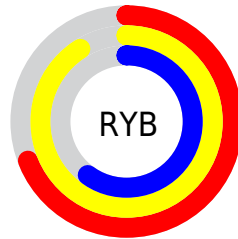
# Distribution



Red (91%)

Green (84%)

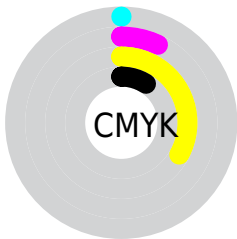
Blue (60%)



Red (69%)

Yellow (91%)

Blue (60%)

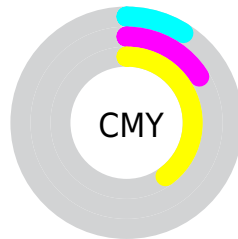


Cyan (0%)

Magenta (7%)

Yellow (33%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15193754 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 15193754 by changing the saturation by 10% instead.



■ 15193754

■ 15193754

16777215

■ 13286016

■ 16777169

■ 11444070

■ 16777197

■ 9667918

■ 7892022

■ 6247455

■ 4603143

■ 3024640

■ 1381120

■ 0

15193754

15193754

15192451

15195057

15191148

15196360

15189845

15197663

15188542

15198966

15186982

15200511

15185679

15201791

15184896

15203071

15204351

# Harmonies

## Analogous

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



16764064



15193754



13033380

# Triad

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



15193754



8120056



16762096

# Complementary

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



15193754



10136551

# 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.



14863871



15193754



9429247

# Square

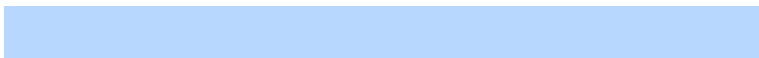
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15193754



8775643



12113919



16761042

# Rectangle

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



15193754



11527091



12113919



16303865

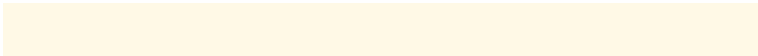


# Sweetspot

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



15193754



16775654



15178412



8420464



0



8421504



# Same Dimension

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



15193754



16771225



13821850



7565415



11766528



3352576



# Inverse Universe

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



10136551



10072319



11508455



6777459



10163

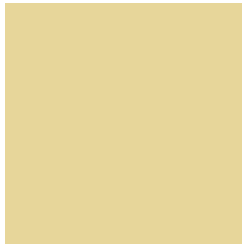


2867



# Previews

## White Background



This preview shows how the Decimal color 15193754 looks on a white background.

## Color Contrast Check

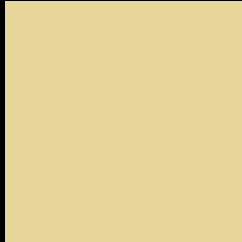
Large Text (above 18pt) WCAG AA × Fail

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 15193754 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

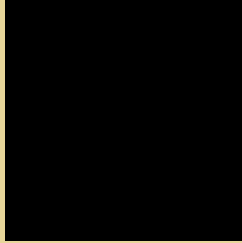
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15193754 Background



This preview shows how black text looks on a background with the Decimal color 15193754.

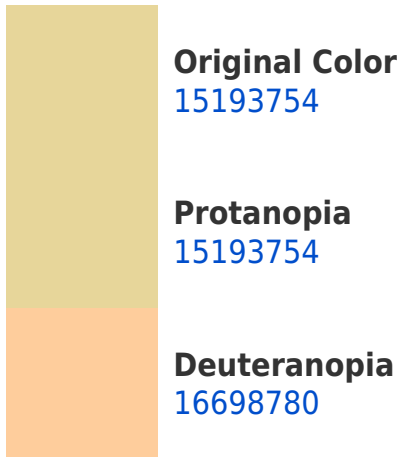


This preview shows how white text looks on a background with the Decimal color 15193754.

# 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](#).

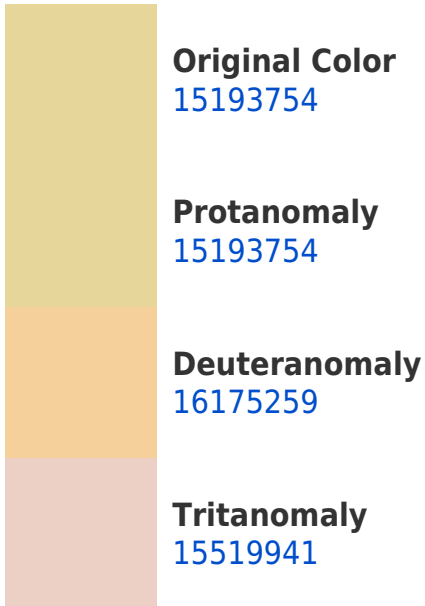
## Dichromacy





**Tritanopia**  
15715805

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15193754 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 #E7D69A looks like.

```
.text, #text, p{  
    color:#E7D69A  
}
```

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 #E7D69A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7D69A
}
```

## Border

The CSS property to change the border of an element to Decimal 15193754 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
#E7D69A }
```

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

```
.border{ border-color:#E7D69A }
```

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

Here you see how a box with a 4 pixel #E7D69A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7D69A; -webkit-box-shadow:4px 4px  
4px 4px #E7D69A; box-shadow:4px 4px 4px  
4px #E7D69A }
```

# Background

The CSS property to change the background color of an element to Decimal 15193754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7D69A }
```

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

```
.background{ background-color:#E7D69A }
```

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