

# Converting Colors

Decimal(15584684)

Have a look what the booklet for  
Decimal(15584684) contains.

|  |    |
|--|----|
| <b>Decimal(15584684)</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(15584684)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | EDCDAC                     |
| RGB         | 237, 205, 172              |
| RGB Percent | 93%, 80%, 67%              |
| CMY         | 0.0706, 0.1961, 0.3255     |
| CMYK        | 0.00, 0.14, 0.27, 0.07     |
| HSL         | 30°, 64%, 80%              |
| HSV         | 30°, 27%, 93%              |
| XYZ         | 64.2028, 64.6457, 48.1237  |
| YIQ         | 210.8060, 29.6650, -3.4790 |

# Conversions

## Conversions Part 2

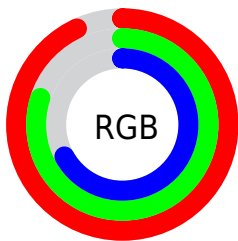
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 235, 237, 172                  |
| Decimal                             | 15584684                       |
| CIE Lab                             | 84.30, 6.38, 20.59             |
| CIE LCh                             | 84, 21.552, 72.791             |
| Yxy                                 | 64.6457, 0.3628,<br>0.3653     |
| Android<br>(android.graphics.Color) | 4293774764<br>(0xFFEDCDAC)     |
| YUV                                 | 210.8060, -19.1314,<br>22.9721 |
| Hunter-Lab                          | 80.4026, 1.8307,<br>20.7947    |

# Details

The Decimal color **15584684** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **11324653**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **16777187**, and **11835256** is the 20% darker color. If you saturate the color by 10%, you get **15581588**, and if you desaturate by 10%, it is **15587780**.

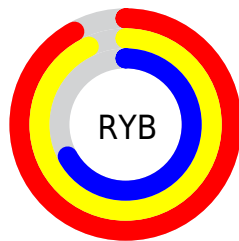
# Distribution



Red (93%)

Green (80%)

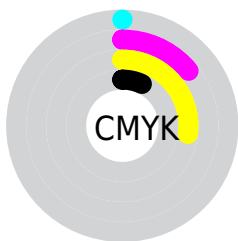
Blue (67%)



Red (92%)

Yellow (93%)

Blue (67%)

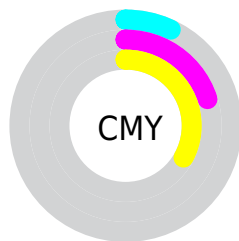


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (20%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15584684 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 15584684 by changing the saturation by 10% instead.



 15584684

 15584684

16777215

 13677201

 16777187

 11835256

 10059103

 8283207

 6638640

 4994587

 3416066

 1903104

 0

 15584684

 15584684

 15581588

 15587780

 15578749

 15590619

 15575653

 15593715

 15572557

 15596799

 15569718

 15597567

 15566622

 15563526

 15562752

# Harmonies

## Analogous

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



16435128



15584684



14275755

# Triad

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



15584684



10411739



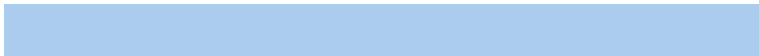
14797552

# Complementary

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



15584684



11324653

# 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.



13095418



15584684



10345709

# Square

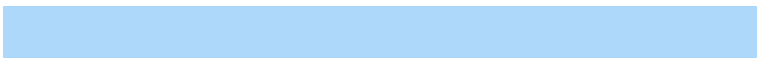
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15584684



11328966



11393273



16041439

# Rectangle

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



15584684



13293744



11393273



14208244



# Sweetspot

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



15584684



16774635



15576268



8419699



0



8421504



# Same Dimension

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



15584684



16766635



15592876



7696490



11885568



3545856

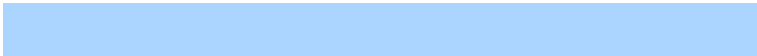


# Inverse Universe

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



11324653



11261183



11316461



6975349



22965

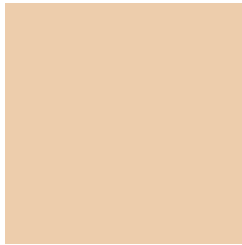


6710



# Previews

## White Background



This preview shows how the Decimal color 15584684 looks on a white background.

## Color Contrast Check

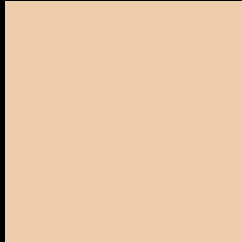
Large Text (above 18pt) WCAG AA × Fail

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 15584684 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

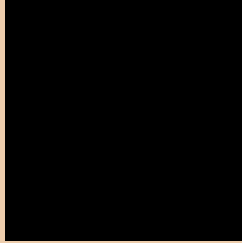
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15584684 Background



This preview shows how black text looks on a background with the Decimal color 15584684.



This preview shows how white text looks on a background with the Decimal color 15584684.

# 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](#).

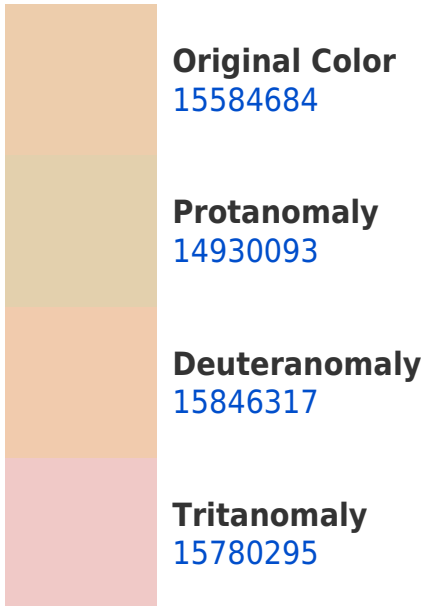
## Dichromacy





**Tritanopia**  
15910871

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15584684 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 #EDCDAC looks like.

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

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 #EDCDAC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 15584684 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
#EDCDAC }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 15584684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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