

# Converting Colors

Decimal(15585622)

Have a look what the booklet for  
Decimal(15585622) contains.

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# **Color**

**Decimal(15585622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDD156
RGB	237, 209, 86
RGB Percent	93%, 82%, 34%
CMY	0.0706, 0.1804, 0.6627
CMYK	0.00, 0.12, 0.64, 0.07
HSL	49°, 81%, 63%
HSV	49°, 64%, 93%
XYZ	59.4052, 64.2773, 18.0799
YIQ	203.3500, 56.1710, -32.3170

# Conversions

## Conversions Part 2

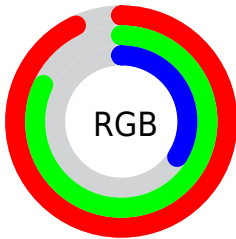
Format	Color
<a href="#">RYB</a>	120, 237, 86
Decimal	15585622
<a href="#">CIELab</a>	84.11, -4.01, 62.68
<a href="#">CIElCh</a>	84, 62.804, 93.663
<a href="#">Yxy</a>	64.2773, 0.4190, 0.4534
Android (android.graphics.Color)	4293775702 (0xFFEDD156)
<a href="#">YUV</a>	203.3500, -57.8535, 29.5111
<a href="#">Hunter-Lab</a>	80.1731, -8.0414, 42.7507

# Details

The Decimal color **15585622** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5665517**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777100**, and **11705116** is the 20% darker color. If you saturate the color by 10%, you get **15584574**, and if you desaturate by 10%, it is **15586670**.

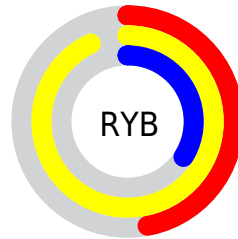
# Distribution



Red (93%)

Green (82%)

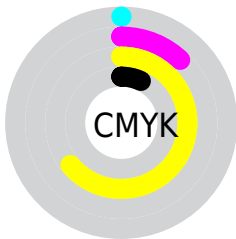
Blue (34%)



Red (47%)

Yellow (93%)

Blue (34%)

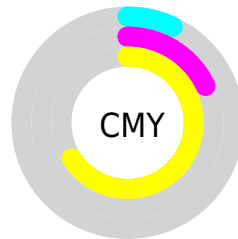


Cyan (0%)

Magenta (12%)

Yellow (64%)

Black (7%)



Cyan (7%)

Magenta (18%)

















Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15585622 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 15585622 by changing the saturation by 10% instead.



 15585622	 15585622
 16777215	 13612602
 16777100	 11705116
 16777128	 9797888
 16777157	 7956480
 16777185	 6180864
	 4340224
	 2696448
	 790528
	 0

15585622

15585622

15584574

15586670

15583271

15587973

15582223

15589021

15581440

15590325

15591372

15592420

15593724

15594751

15596031

# Harmonies

## Analogous

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



16759911



15585622



11592043

# Triad

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



15585622



61183



16755199

# Complementary

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



15585622



5665517

# 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.



14663679



15585622



59135

# Square

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



15585622



61399



7460607



16752333

# Rectangle

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



15585622



8251785



7460607



16756991



# Sweetspot

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



15585622



16774863



15554164



8419938



0



8421504



# Same Dimension

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



15585622



16767805



12643670



7697258



11899648



3550208



# Inverse Universe

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



5665517



4022783



8607469



6974581



8885



2614



# Previews

## White Background



This preview shows how the Decimal color 15585622 looks on a white background.

## Color Contrast Check

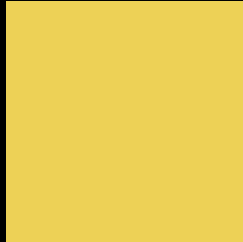
Large Text (above 18pt) WCAG AA × Fail

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 15585622 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 15585622 Background



This preview shows how black text looks on a background with the Decimal color 15585622.

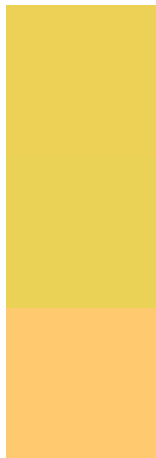


This preview shows how white text looks on a background with the Decimal color 15585622.

# 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**  
15585622

**Protanopia**  
15389270

**Deuteranopia**  
16763248



**Tritanopia**  
16303315

# Trichromacy



**Original Color**  
15585622

**Protanomaly**  
15454806

**Deuteranomaly**  
16305255

**Tritanomaly**  
16042406

# Monochromacy



**Original Color**  
15585622

**Achromatopsia**  
13355979

**Achromatomaly**  
14142880

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15585622 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 #EDD156 looks like.

```
.text, #text, p{  
    color:#EDD156  
}
```

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 #EDD156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDD156
}
```

## Border

The CSS property to change the border of an element to Decimal 15585622 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
#EDD156 }
```

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

```
.border{ border-color:#EDD156 }
```

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

Here you see how a box with a 4 pixel #EDD156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDD156; -webkit-box-shadow:4px 4px  
4px 4px #EDD156; box-shadow:4px 4px 4px  
4px #EDD156 }
```

# Background

The CSS property to change the background color of an element to Decimal 15585622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EED156 }
```

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

```
.background{ background-color:#EED156 }
```

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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