

# Converting Colors

Decimal(15130239)

Have a look what the booklet for  
Decimal(15130239) contains.

<b>Decimal(15130239)</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(15130239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6DE7F
RGB	230, 222, 127
RGB Percent	90%, 87%, 50%
CMY	0.0980, 0.1294, 0.5020
CMYK	0.00, 0.03, 0.45, 0.10
HSL	55°, 67%, 70%
HSV	55°, 45%, 90%
XYZ	62.5852, 70.5979, 30.4068
YIQ	213.5620, 35.2630, -27.8490

# Conversions

## Conversions Part 2

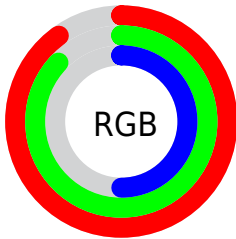
Format	Color
<a href="#">RYB</a>	<a href="#">136, 230, 127</a>
Decimal	<a href="#">15130239</a>
CIELab	<a href="#">87.29, -10.22, 47.36</a>
CIELCh	<a href="#">87, 48.448, 102.179</a>
Yxy	<a href="#">70.5979, 0.3826, 0.4316</a>
Android (android.graphics.Color)	<a href="#">4293320319</a> ( <a href="#">0xFFE6DE7F</a> )
YUV	<a href="#">213.5620, -42.6751, 14.4161</a>
Hunter-Lab	<a href="#">84.0225, -14.0816, 37.3594</a>

# Details

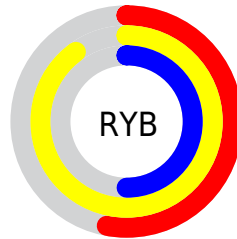
The Decimal color **15130239** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8357862**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16777141**, and **11380555** is the 20% darker color. If you saturate the color by 10%, you get **15129704**, and if you desaturate by 10%, it is **15130774**.

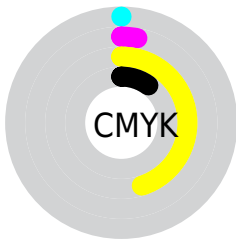
# Distribution



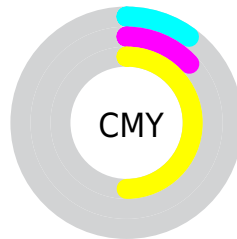
- Red (90%)
- Green (87%)
- Blue (50%)



- Red (53%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (3%)
- Yellow (45%)
- Black (10%)




- Cyan (10%)
- Magenta (13%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15130239 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 15130239 by changing the saturation by 10% instead.



 15130239

 15130239

16777215

 13222501

 16777141

 11380555

 16777169

 9538866

 16777198

 7762711

 5987072


 4342784

 2698752

 924160

 0

 15130239

 15130239

 15129704


 15130774

 15129169

 15131309

 15128890


 15131588

 15128355

 15132123

 15127820

 15132658

 15127552

 15133183

 15133695

 15133951

 15134463

# Harmonies

## Analogous

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



16764547



15130239



11790997

# Triad

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



15130239



61695



16759544

# Complementary

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



15130239



8357862

# 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.



16304383



15130239



6285311

# Square

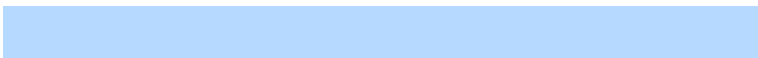
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15130239



2094061



11917823



16758473

# Rectangle

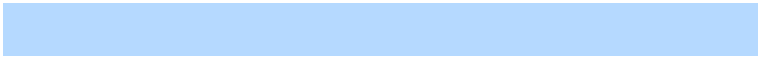
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15130239



9301934



11917823



16760575



# Sweetspot

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



15130239



16776414



15105928



8420971



0



8421504



# Same Dimension

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



15130239



16774261



12314239



7565927



11773184



3354368



# Inverse Universe

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



8357862



7700735



11173862



6776947



3763



1075



# Previews

## White Background



This preview shows how the Decimal color 15130239 looks on a white background.

## Color Contrast Check

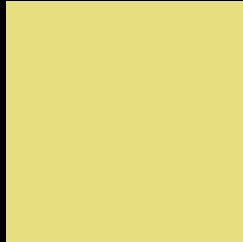
Large Text (above 18pt) WCAG AA × Fail

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 15130239 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 15130239 Background



This preview shows how black text looks on a background with the Decimal color 15130239.

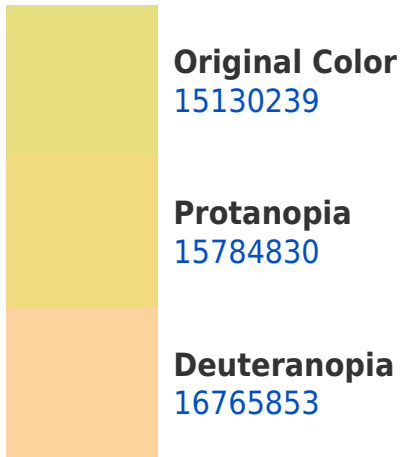


This preview shows how white text looks on a background with the Decimal color 15130239.

# 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](#).

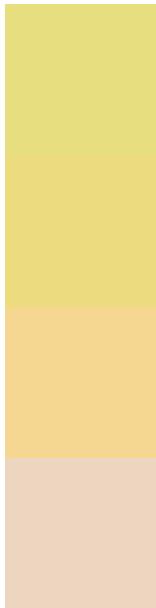
## Dichromacy





**Tritanopia**  
15848163

# Trichromacy



**Original Color**  
15130239

**Protanomaly**  
15522942

**Deuteranomaly**  
16177042

**Tritanomaly**  
15587007

# Monochromacy



**Original Color**  
15130239

**Achromatopsia**  
14079702

**Achromatomaly**  
14473654

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15130239 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 #E6DE7F looks like.

```
.text, #text, p{  
    color:#E6DE7F  
}
```

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 #E6DE7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6DE7F
}
```

## Border

The CSS property to change the border of an element to Decimal 15130239 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
#E6DE7F }
```

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

```
.border{ border-color:#E6DE7F }
```

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

Here you see how a box with a 4 pixel #E6DE7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6DE7F; -webkit-box-shadow:4px 4px  
4px 4px #E6DE7F; box-shadow:4px 4px 4px  
4px #E6DE7F }
```

# Background

The CSS property to change the background color of an element to Decimal 15130239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6DE7F }
```

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

```
.background{ background-color:#E6DE7F }
```

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