

# Converting Colors

Decimal(15125117)

Have a look what the booklet for  
Decimal(15125117) contains.

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# **Color**

**Decimal(15125117)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E6CA7D                      |
| RGB         | 230, 202, 125               |
| RGB Percent | 90%, 79%, 49%               |
| CMY         | 0.0980, 0.2078, 0.5098      |
| CMYK        | 0.00, 0.12, 0.46, 0.10      |
| HSL         | 44°, 68%, 70%               |
| HSV         | 44°, 46%, 90%               |
| XYZ         | 57.4553, 60.5447, 28.0601   |
| YIQ         | 201.5940, 41.4050, -18.0110 |

# Conversions

## Conversions Part 2

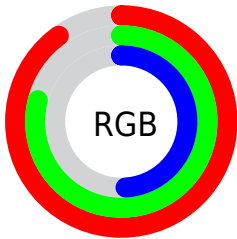
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 163, 230, 125                  |
| Decimal                             | 15125117                       |
| CIE Lab                             | 82.13, -0.22, 41.92            |
| CIE LCh                             | 82, 41.922, 90.304             |
| Yxy                                 | 60.5447, 0.3934,<br>0.4145     |
| Android<br>(android.graphics.Color) | 4293315197<br>(0xFFE6CA7D)     |
| YUV                                 | 201.5940, -37.7608,<br>24.9121 |
| Hunter-Lab                          | 77.8105, -4.3638,<br>33.0861   |

# Details

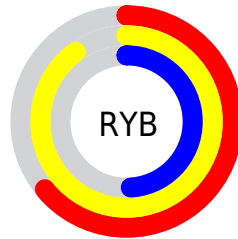
The Decimal color **15125117** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8231398**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16777139**, and **11375690** is the 20% darker color. If you saturate the color by 10%, you get **15123558**, and if you desaturate by 10%, it is **15126676**.

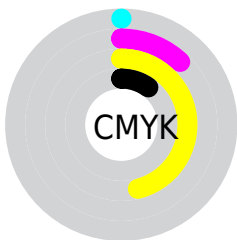
# Distribution



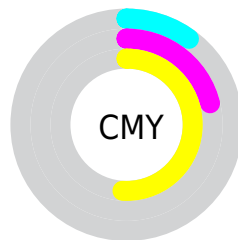
- Red (90%)
- Green (79%)
- Blue (49%)



- Red (64%)
- Yellow (90%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (46%)
- Black (10%)




- Cyan (10%)
- Magenta (21%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15125117 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 15125117 by changing the saturation by 10% instead.



 15125117

 15125117

16777215

 13217635

 16777139

 11375690

 16777167

 9534258

 16777195

 7758361

 5982720

 4338688


 2694912

 722944


 0

 15125117

 15125117

 15123558


 15126676


 15121999


 15128235

 15120440


 15129794

 15118625


 15131609


 15117066

 15133168

 15116544

 15134719

 15136255

 15137791

 15138815

# Harmonies

## Analogous

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



16759945



15125117



12441223

# Triad

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



15125117



3072243



16692724

# Complementary

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



15125117



8231398

# 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.



13746943



15125117



5364735

# Square

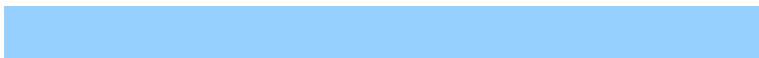
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15125117



5956043



9818367



16756429

# Rectangle

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



15125117



10411161



9818367



15841791

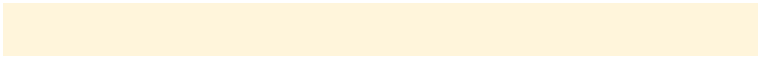


# Sweetspot

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



15125117



16774619



15105433



8419946



0



8421504



# Same Dimension

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



15125117



16767603



13493885



7565415



11764480



3351808



# Inverse Universe

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



8231398



7575807



9862630



6777459



12467

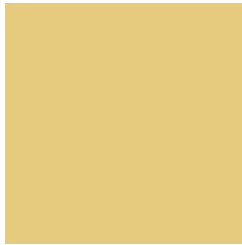


3635



# Previews

## White Background



This preview shows how the Decimal color 15125117 looks on a white background.

## Color Contrast Check

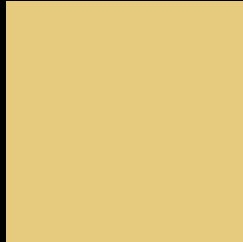
Large Text (above 18pt) WCAG AA × Fail

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 15125117 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

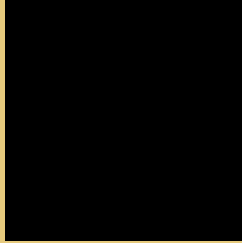
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15125117 Background



This preview shows how black text looks on a background with the Decimal color 15125117.




This preview shows how white text looks on a background with the Decimal color 15125117.

# 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**  
15646927

# Trichromacy



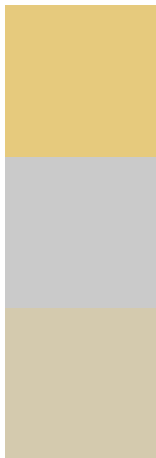
**Original Color**  
15125117

**Protanomaly**  
14863230

**Deuteranomaly**  
15844990

**Tritanomaly**  
15451313

# Monochromacy



**Original Color**  
15125117

**Achromatopsia**  
13290186

**Achromatomaly**  
13945518

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15125117 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 #E6CA7D looks like.

```
.text, #text, p{  
    color:#E6CA7D  
}
```

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 #E6CA7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CA7D
}
```

## Border

The CSS property to change the border of an element to Decimal 15125117 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
#E6CA7D }
```

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

```
.border{ border-color:#E6CA7D }
```

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

Here you see how a box with a 4 pixel #E6CA7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CA7D; -webkit-box-shadow:4px 4px  
4px 4px #E6CA7D; box-shadow:4px 4px 4px  
4px #E6CA7D }
```

# Background

The CSS property to change the background color of an element to Decimal 15125117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CA7D }
```

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

```
.background{ background-color:#E6CA7D }
```

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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