

# Converting Colors

Decimal(13087562)

Have a look what the booklet for  
Decimal(13087562) contains.

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# **Color**

**Decimal(13087562)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B34A
RGB	199, 179, 74
RGB Percent	78%, 70%, 29%
CMY	0.2196, 0.2980, 0.7098
CMYK	0.00, 0.10, 0.63, 0.22
HSL	50°, 53%, 54%
HSV	50°, 63%, 78%
XYZ	40.9093, 44.8767, 12.9845
YIQ	173.0100, 45.6250, -28.4150

# Conversions

## Conversions Part 2

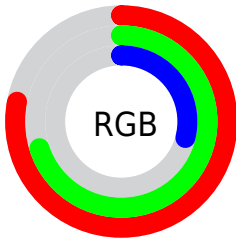
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 199, 74
Decimal	13087562
CIELab	72.81, -5.29, 54.68
CIELCh	73, 54.934, 95.528
Yxy	44.8767, 0.4142, 0.4544
Android (android.graphics.Color)	4291277642 (0xFFC7B34A)
YUV	173.0100, -48.8119, 22.7932
Hunter-Lab	66.9901, -8.2268, 35.4011

# Details

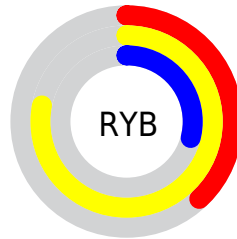
The Decimal color **13087562** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **4873927**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **16771967**, and **9338641** is the 20% darker color. If you saturate the color by 10%, you get **13086774**, and if you desaturate by 10%, it is **13088350**.

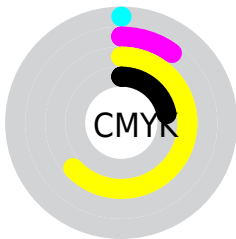
# Distribution



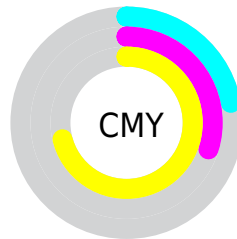
- Red (78%)
- Green (70%)
- Blue (29%)



- Red (38%)
- Yellow (78%)
- Blue (29%)



- Cyan (0%)
- Magenta (10%)
- Yellow (63%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13087562 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 13087562 by changing the saturation by 10% instead.



 13087562

 13087562

16777215

 11180079

 16771967

 9338641

 16777114

 7497216

 16777142

 5787136

 16777170

 4012032

 16777199

 2368000

 134656

 0

 13087562

 13087562

■ 13086774

■ 13088350

■ 13085986

■ 13089138

■ 13084942

■ 13090182

■ 13084416

■ 13090970

■ 13091758

■ 13092545

■ 13093333

■ 13094121

■ 13095165

# Harmonies

## Analogous

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



15835479



13087562



9617757

# Triad

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



13087562



51948



16289757

# Complementary

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



13087562



4873927

# 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.



12755711



13087562



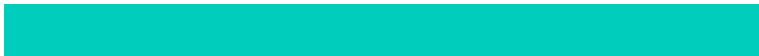
50175

# Square

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



13087562



52411



6927871



16746411

# Rectangle

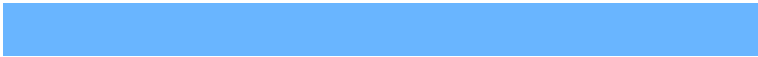
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13087562



6801272



6927871



15373804



# Sweetspot

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



13087562



16775119



13060703



8420194



0



8421504



# Same Dimension

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



13087562



16769088



10340170



6513242



10717440



2366976



# Inverse Universe

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



4873927



4218623



7621319



5921635



6819



1572



# Previews

## White Background



This preview shows how the Decimal color 13087562 looks on a white background.

## Color Contrast Check

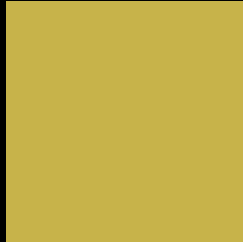
Large Text (above 18pt) WCAG AA × Fail

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 13087562 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 13087562 Background



This preview shows how black text looks on a background with the Decimal color 13087562.



This preview shows how white text looks on a background with the Decimal color 13087562.

# 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**  
13087562

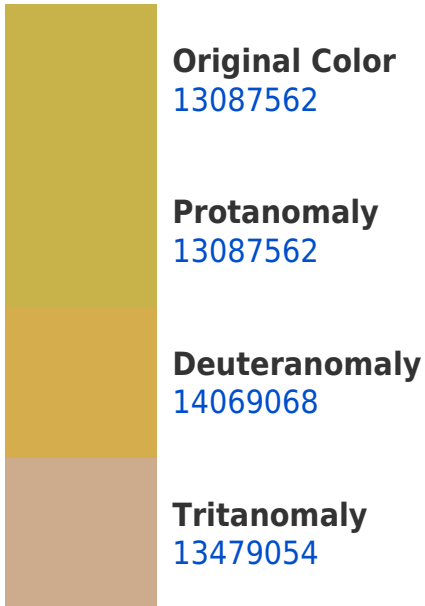
**Protanopia**  
13087562

**Deuteranopia**  
14592589



**Tritanopia**  
13674677

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13087562 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 #C7B34A looks like.

```
.text, #text, p{  
    color:#C7B34A  
}
```

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 #C7B34A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B34A
}
```

## Border

The CSS property to change the border of an element to Decimal 13087562 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
#C7B34A }
```

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

```
.border{ border-color:#C7B34A }
```

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

Here you see how a box with a 4 pixel #C7B34A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B34A; -webkit-box-shadow:4px 4px  
4px 4px #C7B34A; box-shadow:4px 4px 4px  
4px #C7B34A }
```

# Background

The CSS property to change the background color of an element to Decimal 13087562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B34A }
```

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

```
.background{ background-color:#C7B34A }
```

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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