

# Converting Colors

Decimal(13015876)

Have a look what the booklet for  
Decimal(13015876) contains.

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# **Color**

**Decimal(13015876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C69B44
RGB	198, 155, 68
RGB Percent	78%, 61%, 27%
CMY	0.2235, 0.3922, 0.7333
CMYK	0.00, 0.22, 0.66, 0.22
HSL	40°, 53%, 52%
HSV	40°, 66%, 78%
XYZ	36.0534, 35.8658, 10.4914
YIQ	157.9390, 53.5550, -17.9410

# Conversions

## Conversions Part 2

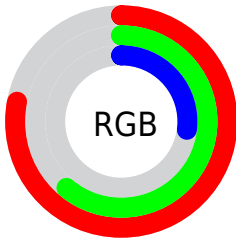
Format	Color
<a href="#">RYB</a>	<a href="#">132, 198, 68</a>
Decimal	<a href="#">13015876</a>
CIELab	<a href="#">66.42, 6.70, 50.41</a>
CIELCh	<a href="#">66, 50.852, 82.434</a>
Yxy	<a href="#">35.8658, 0.4375, 0.4352</a>
Android (android.graphics.Color)	<a href="#">4291205956</a> ( <a href="#">0xFFC69B44</a> )
YUV	<a href="#">157.9390, -44.3399, 35.1335</a>
Hunter-Lab	<a href="#">59.8881, 2.6553, 31.5350</a>

# Details

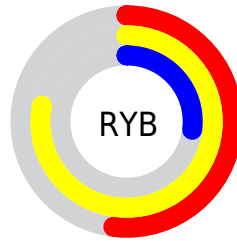
The Decimal color **13015876** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4485062**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16765304**, and **9267213** is the 20% darker color. If you saturate the color by 10%, you get **13014064**, and if you desaturate by 10%, it is **13017688**.

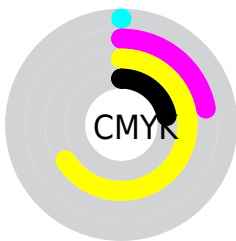
# Distribution



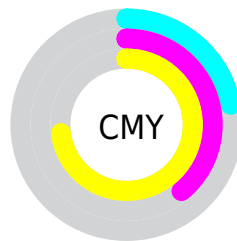
- Red (78%)
- Green (61%)
- Blue (27%)



- Red (52%)
- Yellow (78%)
- Blue (27%)



- Cyan (0%)
- Magenta (22%)
- Yellow (66%)
- Black (22%)



- Cyan (22%)
- Magenta (39%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13015876 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 13015876 by changing the saturation by 10% instead.



 13015876

 13015876

16777215

 11108650

 16765304

 9267213

 16772498

 7426048

 16777134

 5650688

 16777162

 3875840

 16777190

 2232320

 0

 13015876

 13015876

 13014064

 13017688

 13012508

 13019244

 13010697

 13021055

 13010176

 13022611

 13024423

 13025979

 13027791

 13029346

 13031158

# Harmonies

## Analogous

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



15174234



13015876



10135881

# Triad

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



13015876



47299



13600986

# Complementary

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



13015876



4485062

# 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.



9607926



13015876



46313

# Square

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



13015876



47252



1485564



15760303

# Rectangle

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



13015876



7843931



1485564



12488421

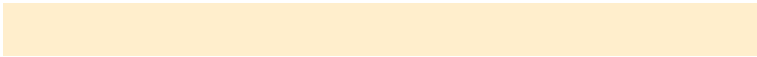


# Sweetspot

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



13015876



16772812



12993647



8418657



0



8421504



# Same Dimension

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



13015876



16759862



11585092



6512730



10710272



2365440



# Inverse Universe

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



4485062



3569919



5915846



5922147



13987

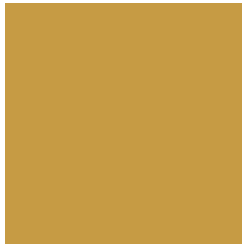


3108



# Previews

## White Background



This preview shows how the Decimal color 13015876 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 13015876 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 13015876 Background



This preview shows how black text looks on a background with the Decimal color 13015876.



This preview shows how white text looks on a background with the Decimal color 13015876.

# 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**  
13015876

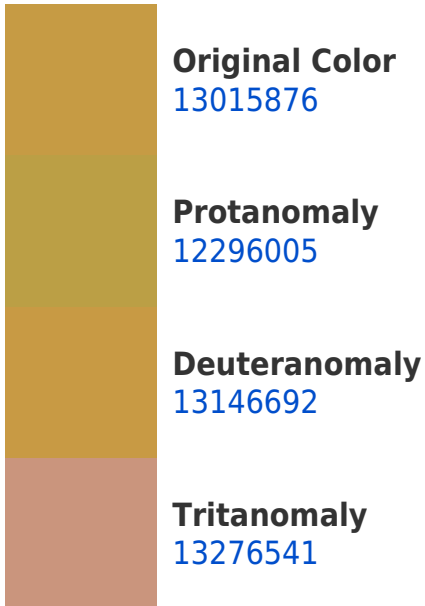
**Protanopia**  
11838022

**Deuteranopia**  
13212228



**Tritanopia**  
13472413

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13015876 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 #C69B44 looks like.

```
.text, #text, p{  
    color:#C69B44  
}
```

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 #C69B44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C69B44
}
```

## Border

The CSS property to change the border of an element to Decimal 13015876 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
#C69B44 }
```

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

```
.border{ border-color:#C69B44 }
```

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

Here you see how a box with a 4 pixel #C69B44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C69B44; -webkit-box-shadow:4px 4px  
4px 4px #C69B44; box-shadow:4px 4px 4px  
4px #C69B44 }
```

# Background

The CSS property to change the background color of an element to Decimal 13015876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C69B44 }
```

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

```
.background{ background-color:#C69B44 }
```

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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