

# Converting Colors

Decimal(13410304)

Have a look what the booklet for  
Decimal(13410304) contains.

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# **Color**

**Decimal(13410304)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCA000
RGB	204, 160, 0
RGB Percent	80%, 63%, 0%
CMY	0.2000, 0.3725, 1.0000
CMYK	0.00, 0.22, 1.00, 0.20
HSL	47°, 100%, 40%
HSV	47°, 100%, 80%
XYZ	37.4726, 37.9790, 5.3557
YIQ	154.9160, 77.5840, -40.4320

# Conversions

## Conversions Part 2

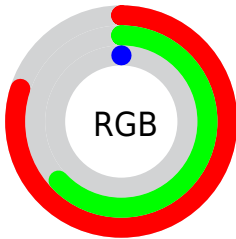
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 204, 0
Decimal	13410304
CIELab	68.01, 4.54, 71.56
CIELCh	68, 71.701, 86.370
Yxy	37.9790, 0.4637, 0.4700
Android (android.graphics.Color)	4291600384 (0xFFCCA000)
YUV	154.9160, -76.3736, 43.0467
Hunter-Lab	61.6271, 0.6904, 37.9864

# Details

The Decimal color **13410304** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **11468**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16766540**, and **9530624** is the 20% darker color. If you saturate the color by 10%, you get **13410304**, and if you desaturate by 10%, it is **13411348**.

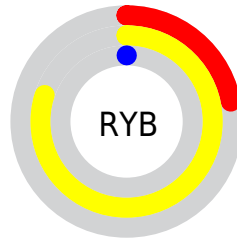
# Distribution



Red (80%)

Green (63%)

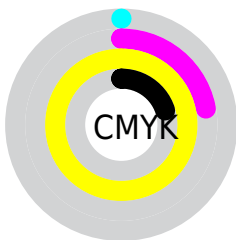
Blue (0%)



Red (22%)

Yellow (80%)

Blue (0%)

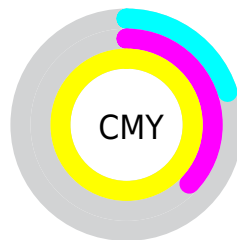


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (37%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13410304 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 13410304 by changing the saturation by 10% instead.



 13410304	 13410304
 16777215	 11437568
 16766540	 9530624
 16773992	 7623936
 16777092	 5783040
 16777120	 4008192
 16777149	 2364672
 16777178	 0
 16777207	
 13410304	

 13411348

 13412649

 13413693

 13414994

 13416038

 13417082

 13418383

 13419427

 13420728

# Harmonies

## Analogous

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



16549431



13410304



9286430

# Triad

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



13410304



50398



15497966

# Complementary

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



13410304



11468

# 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.



9804031



13410304



48895

# Square

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



13410304



50076



45311



16737712

# Rectangle

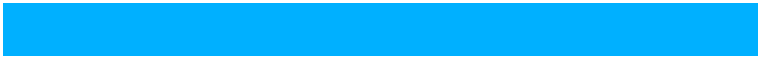
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13410304



5684037



45311



13993215



# Sweetspot

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



13410304



16773043



13369388



8418898



0



8421504



# Same Dimension

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



13410304



16762880



9620480



6710364



10912256



2498048



# Inverse Universe

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



11468



14335



3801292



6053478



9382



2086



# Previews

## White Background



This preview shows how the Decimal color 13410304 looks on a white background.

## Color Contrast Check

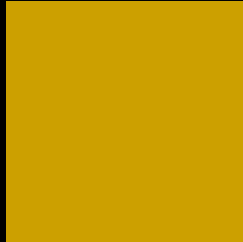
Large Text (above 18pt) WCAG AA × Fail

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 13410304 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 13410304 Background



This preview shows how black text looks on a background with the Decimal color 13410304.



This preview shows how white text looks on a background with the Decimal color 13410304.

# 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**  
13410304

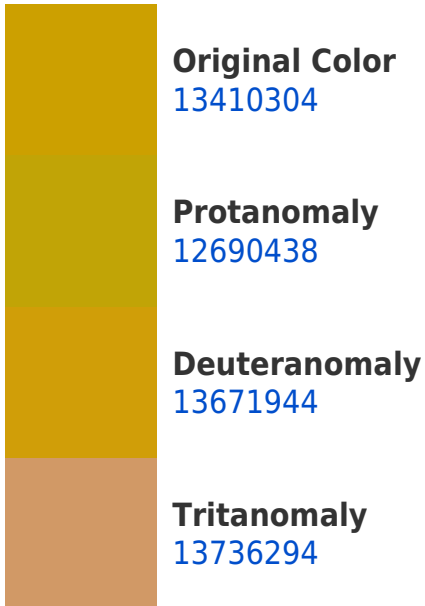
**Protanopia**  
12297738

**Deuteranopia**  
13802764



**Tritanopia**  
13931936

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13410304 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 #CCA000 looks like.

```
.text, #text, p{  
    color:#CCA000  
}
```

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 #CCA000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA000
}
```

## Border

The CSS property to change the border of an element to Decimal 13410304 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
#CCA000 }
```

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

```
.border{ border-color:#CCA000 }
```

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

Here you see how a box with a 4 pixel #CCA000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA000; -webkit-box-shadow:4px 4px  
4px 4px #CCA000; box-shadow:4px 4px 4px  
4px #CCA000 }
```

# Background

The CSS property to change the background color of an element to Decimal 13410304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA000 }
```

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

```
.background{ background-color:#CCA000 }
```

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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