

# Converting Colors

Decimal(13075024)

Have a look what the booklet for  
Decimal(13075024) contains.

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# Color

**Decimal(13075024)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C78250
RGB	199, 130, 80
RGB Percent	78%, 51%, 31%
CMY	0.2196, 0.4902, 0.6863
CMYK	0.00, 0.35, 0.60, 0.22
HSL	25°, 52%, 55%
HSV	25°, 60%, 78%
XYZ	32.9838, 28.6866, 11.3880
YIQ	144.9310, 57.1740, -0.9220

# Conversions

## Conversions Part 2

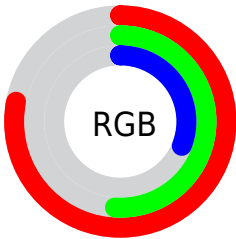
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 166, 80
Decimal	13075024
CIE <sub>Lab</sub>	60.50, 21.61, 37.67
CIE <sub>LCh</sub>	61, 43.428, 60.166
Yxy	28.6866, 0.4515, 0.3927
Android (android.graphics.Color)	4291265104 (0xFFC78250)
YUV	144.9310, -32.0110, 47.4185
Hunter-Lab	53.5598, 16.1960, 24.8855

# Details

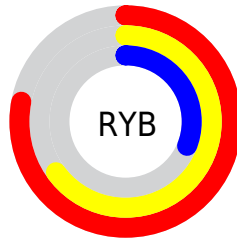
The Decimal color **13075024** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5281223**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16758658**, and **9261089** is the 20% darker color. If you saturate the color by 10%, you get **13071932**, and if you desaturate by 10%, it is **13078116**.

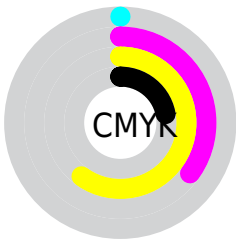
# Distribution



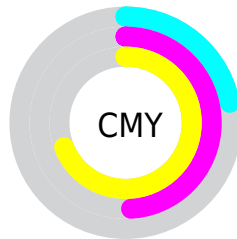
- Red (78%)
- Green (51%)
- Blue (31%)



- Red (78%)
- Yellow (65%)
- Blue (31%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)
- Black (22%)



- Cyan (22%)
- Magenta (49%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13075024 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 13075024 by changing the saturation by 10% instead.



 13075024       13075024

16777215       11168056

 16758658       9261089

 16765853       7420168

 16773048       5644800

 16777172       3869952

 16777200       2359297

 0

 13075024       13075024

 13071932       13078116

13069096

13080952

13066004

13084044

13063168

13086880

13089972

13092807

13095899

13098735

13101823

# Harmonies

## Analogous

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



14186093



13075024



11112515

# Triad

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



13075024



42385



9799892

# Complementary

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



13075024



5281223

# 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.



5215966



13075024



42423

# Square

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



13075024



5349994



41172



12679865

# Rectangle

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



13075024



9410631



41172



8490458

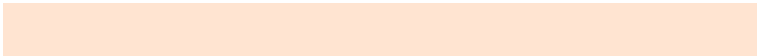


# Sweetspot

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



13075024



16770257



13062293



8417123



0



8421504



# Same Dimension

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



13075024



16749895



13090128



6512218



10700032



2363136



# Inverse Universe

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



5281223



4698879



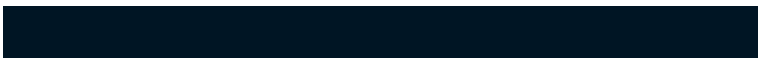
5266119



5922659



24483

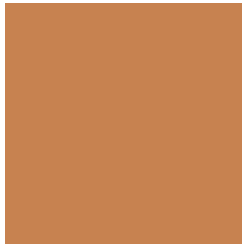


5412



# Previews

## White Background



This preview shows how the Decimal color 13075024 looks on a white background.

## Color Contrast Check

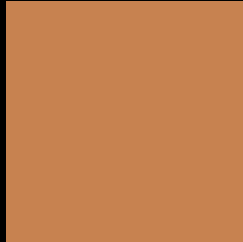
Large Text (above 18pt) WCAG AA ✓ Pass

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 13075024 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

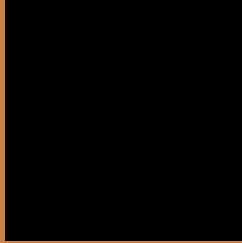
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13075024 Background



This preview shows how black text looks on a background with the Decimal color 13075024.



This preview shows how white text looks on a background with the Decimal color 13075024.

# 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**  
13075024

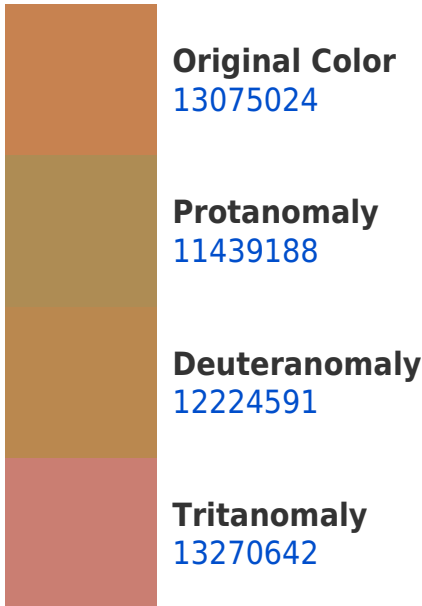
**Protanopia**  
10523222

**Deuteranopia**  
11766606



**Tritanopia**  
13335685

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13075024 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 #C78250 looks like.

```
.text, #text, p{  
    color:#C78250  
}
```

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 #C78250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78250
}
```

## Border

The CSS property to change the border of an element to Decimal 13075024 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
#C78250 }
```

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

```
.border{ border-color:#C78250 }
```

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

Here you see how a box with a 4 pixel #C78250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78250; -webkit-box-shadow:4px 4px  
4px 4px #C78250; box-shadow:4px 4px 4px  
4px #C78250 }
```

# Background

The CSS property to change the background color of an element to Decimal 13075024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78250 }
```

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

```
.background{ background-color:#C78250 }
```

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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