

# Converting Colors

Decimal(13074227)

Have a look what the booklet for  
Decimal(13074227) contains.

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# Color

**Decimal(13074227)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C77F33
RGB	199, 127, 51
RGB Percent	78%, 50%, 20%
CMY	0.2196, 0.5020, 0.8000
CMYK	0.00, 0.36, 0.74, 0.22
HSL	31°, 59%, 49%
HSV	31°, 74%, 78%
XYZ	31.7401, 27.5599, 6.7787
YIQ	139.8640, 67.3080, -8.3720

# Conversions

## Conversions Part 2

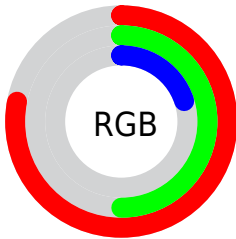
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 199, 51
Decimal	13074227
CIE <sub>Lab</sub>	59.49, 21.51, 50.89
CIE <sub>LCh</sub>	59, 55.245, 67.088
Yxy	27.5599, 0.4803, 0.4171
Android (android.graphics.Color)	4291264307 (0xFFC77F33)
YUV	139.8640, -43.8100, 51.8623
Hunter-Lab	52.4975, 16.0509, 29.0925

# Details

The Decimal color **13074227** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **3374023**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **16757862**, and **9195008** is the 20% darker color. If you saturate the color by 10%, you get **13071647**, and if you desaturate by 10%, it is **13076807**.

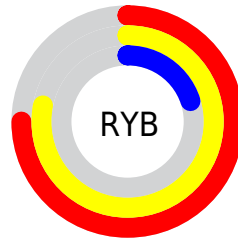
# Distribution



Red (78%)

Green (50%)

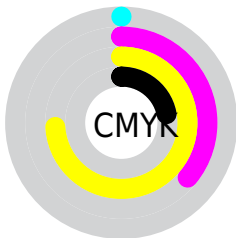
Blue (20%)



Red (75%)

Yellow (78%)

Blue (20%)

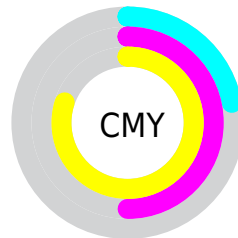


Cyan (0%)

Magenta (36%)

Yellow (74%)

Black (22%)



Cyan (22%)

Magenta (50%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13074227 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 13074227 by changing the saturation by 10% instead.



 13074227  13074227

16777215  11101721

 16757862  9195008

 16765056  7353856

 16772251  5447680

 16777142  3672832

 16777170  2162689

 16777199  0

 13074227  13074227

 13071647  13076807

■ 13069323

■ 13079131

■ 13067776

■ 13081711

■ 13084291

■ 13086615

■ 13089194

■ 13091774

■ 13094098

■ 13096678

# Harmonies

## Analogous

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



14838871



13074227



10391846

# Triad

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



13074227



42906



10583517

# Complementary

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



13074227



3374023

# 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.



4166128



13074227



42441

# Square

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



13074227



42088



40680



13855414

# Rectangle

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



13074227



8296754



40680



8946918

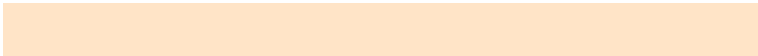


# Sweetspot

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



13074227



16770247



13054845



8417118



0



8421504



# Same Dimension

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



13074227



16748828



13092659



6512474



10703872



2363904



# Inverse Universe

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



3374023



1870591



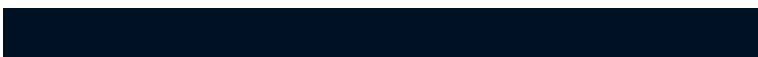
3355591



5922403



20387



4388



# Previews

## White Background



This preview shows how the Decimal color 13074227 looks on a white background.

## Color Contrast Check

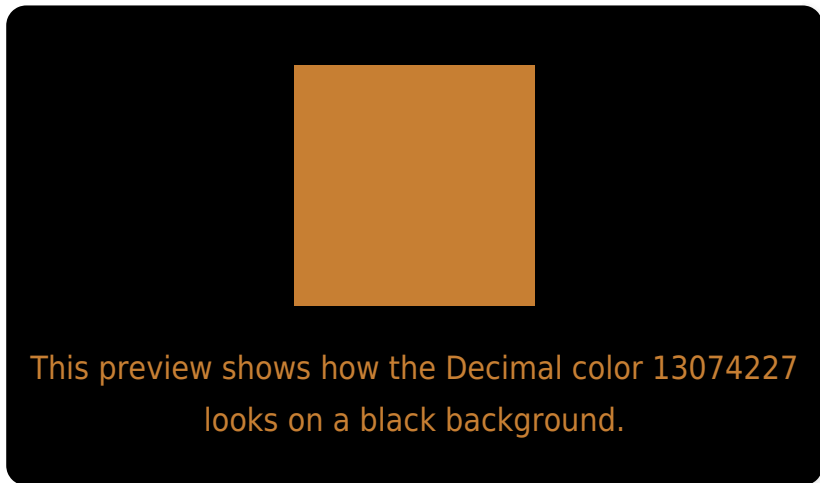
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 13074227 Background



This preview shows how black text looks on a background with the Decimal color 13074227.



This preview shows how white text looks on a background with the Decimal color 13074227.

# 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**  
13074227

**Protanopia**  
10522680

**Deuteranopia**  
11831344



**Tritanopia**  
13334400

# Trichromacy



**Original Color**  
13074227

**Protanomaly**  
11438646

**Deuteranomaly**  
12289329

**Tritanomaly**  
13269604

# Monochromacy



**Original Color**  
13074227

**Achromatopsia**  
9211020

**Achromatomaly**  
10585964

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13074227 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 #C77F33 looks like.

```
.text, #text, p{  
    color:#C77F33  
}
```

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 #C77F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77F33
}
```

## Border

The CSS property to change the border of an element to Decimal 13074227 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
#C77F33 }
```

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

```
.border{ border-color:#C77F33 }
```

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

Here you see how a box with a 4 pixel #C77F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77F33; -webkit-box-shadow:4px 4px  
4px 4px #C77F33; box-shadow:4px 4px 4px  
4px #C77F33 }
```

# Background

The CSS property to change the background color of an element to Decimal 13074227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77F33 }
```

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

```
.background{ background-color:#C77F33 }
```

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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