

# Converting Colors

Decimal(13006921)

Have a look what the booklet for  
Decimal(13006921) contains.

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# Color

**Decimal(13006921)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C67849
RGB	198, 120, 73
RGB Percent	78%, 47%, 29%
CMY	0.2235, 0.5294, 0.7137
CMYK	0.00, 0.39, 0.63, 0.22
HSL	23°, 52%, 53%
HSV	23°, 63%, 78%
XYZ	31.2078, 25.9197, 9.6615
YIQ	137.9640, 61.5750, 1.9190

# Conversions

## Conversions Part 2

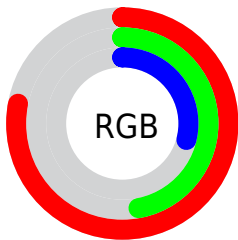
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 148, 73
Decimal	13006921
CIE <sub>Lab</sub>	57.96, 26.14, 38.31
CIE <sub>LCh</sub>	58, 46.383, 55.691
Yxy	25.9197, 0.4673, 0.3881
Android (android.graphics.Color)	4291197001 (0xFFC67849)
YUV	137.9640, -32.0273, 52.6516
Hunter-Lab	50.9114, 20.3222, 24.3865

# Details

The Decimal color **13006921** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4822982**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16756091**, and **9193242** is the 20% darker color. If you saturate the color by 10%, you get **13003829**, and if you desaturate by 10%, it is **13010013**.

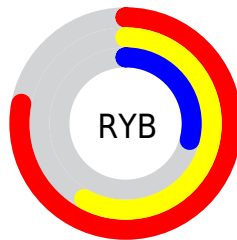
# Distribution



Red (78%)

Green (47%)

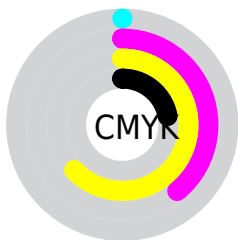
Blue (29%)



Red (78%)

Yellow (58%)

Blue (29%)

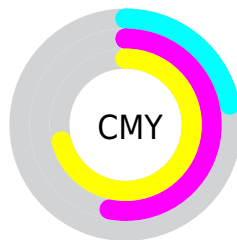


Cyan (0%)

Magenta (39%)

Yellow (63%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 13006921 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 13006921 by changing the saturation by 10% instead.





 13006921       13006921

16777215       11099953

 16756091       9193242

 16763029       7286530

 16770480       5511168

 16777164       3670528

 16777192       2031617

 0

 13006921       13006921

 13003829       13010013

13000481

13013361

12997390

13016452

12995072

13019544

13022892

13025984

13029076

13032423

13035515

# Harmonies

## Analogous

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



14052202



13006921



11044663

# Triad

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



13006921



40836



8684501

# Complementary

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



13006921



4822982

# 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.



2396636



13006921



40877

# Square

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



13006921



5086044



39885



12088250

# Rectangle

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



13006921



9343033



39885



7178457

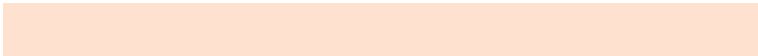


# Sweetspot

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



13006921



16769487



12994968



8416610



0



8421504



# Same Dimension

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



13006921



16746045



13022537



6511962



10697984



2362624



# Inverse Universe

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



4822982



4044543



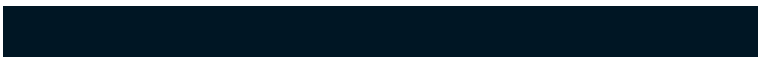
4807366



5922915



26275

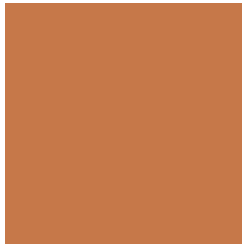


5668



# Previews

## White Background



This preview shows how the Decimal color 13006921 looks on a white background.

## Color Contrast Check

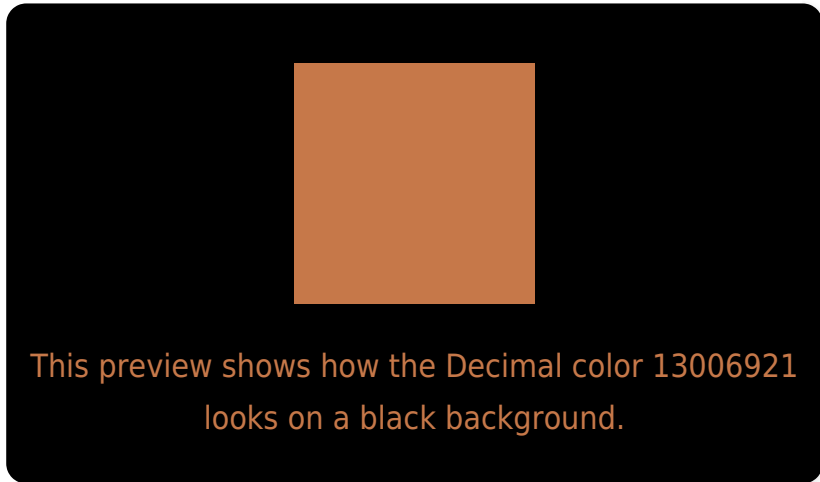
Large Text (above 18pt) WCAG AA ✓ Pass

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

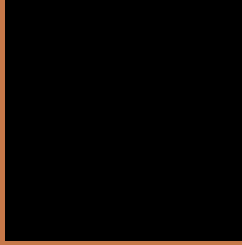
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13006921 Background



This preview shows how black text looks on a background with the Decimal color 13006921.



This preview shows how white text looks on a background with the Decimal color 13006921.

# 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





# Trichromacy



**Original Color**  
13006921

**Protanomaly**  
11109709

**Deuteranomaly**  
11894855

**Tritanomaly**  
13137000

# Monochromacy



**Original Color**  
13006921

**Achromatopsia**  
9079434

**Achromatomaly**  
10519410

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13006921 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 #C67849 looks like.

```
.text, #text, p{  
    color:#C67849  
}
```

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 #C67849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67849
}
```

## Border

The CSS property to change the border of an element to Decimal 13006921 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
#C67849 }
```

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

```
.border{ border-color:#C67849 }
```

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

Here you see how a box with a 4 pixel #C67849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67849; -webkit-box-shadow:4px 4px  
4px 4px #C67849; box-shadow:4px 4px 4px  
4px #C67849 }
```

# Background

The CSS property to change the background color of an element to Decimal 13006921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67849 }
```

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

```
.background{ background-color:#C67849 }
```

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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