

# Converting Colors

Decimal(13018740)

Have a look what the booklet for  
Decimal(13018740) contains.

<b>Decimal(13018740)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13018740)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6A674
RGB	198, 166, 116
RGB Percent	78%, 65%, 45%
CMY	0.2235, 0.3490, 0.5451
CMYK	0.00, 0.16, 0.41, 0.22
HSL	37°, 42%, 62%
HSV	37°, 41%, 78%
XYZ	40.0773, 40.5392, 22.2355
YIQ	169.8680, 35.1220, -8.7660

# Conversions

## Conversions Part 2

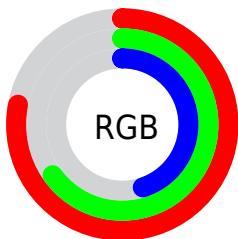
Format	Color
<a href="#">RYB</a>	<a href="#">168, 198, 116</a>
Decimal	<a href="#">13018740</a>
CIELab	<a href="#">69.85, 4.88, 30.24</a>
CIELCh	<a href="#">70, 30.636, 80.825</a>
Yxy	<a href="#">40.5392, 0.3897, 0.3942</a>
Android (android.graphics.Color)	<a href="#">4291208820 (0xFFC6A674)</a>
YUV	<a href="#">169.8680, -26.5569, 24.6718</a>
Hunter-Lab	<a href="#">63.6704, 0.9337, 23.8635</a>

# Details

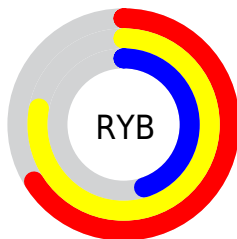
The Decimal color **13018740** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7640262**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16768425**, and **9400899** is the 20% darker color. If you saturate the color by 10%, you get **13016672**, and if you desaturate by 10%, it is **13020808**.

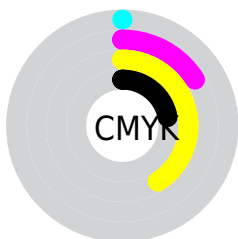
# Distribution



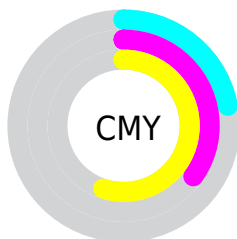
- Red (78%)
- Green (65%)
- Blue (45%)



- Red (66%)
- Yellow (78%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (41%)
- Black (22%)



- Cyan (22%)
- Magenta (35%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13018740 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 13018740 by changing the saturation by 10% instead.



 13018740

 13018740

16777215

 11177051

 16768425

 9400899

 16775620

 7625260

 16777184

 5915413

16777213

 4271104

 2693120

 720896

 0

 13018740

 13018740

 13016672

 13020808

 13014860

 13022620

 13012793

 13024687

 13010725

 13026755

 13008657

 13028823

 13007104

 13030635

 13032703

 13034751

 13036799

# Harmonies

## Analogous

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



14327169



13018740



11186038

# Triad

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



13018740



5421757



13016526

# Complementary

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



13018740



7640262

# 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.



10725342



13018740



5748693

# Square

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



13018740



6994337



7975137



14456756

# Rectangle

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



13018740



9811072



7975137



12296405



# Sweetspot

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



13018740



16774112



13005973



8419694



0



8421504



# Same Dimension

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



13018740



16764288



12502644



6512730



10707968



2364928

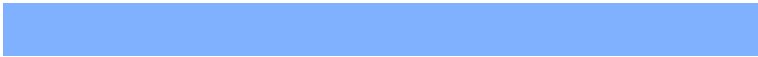


# Inverse Universe

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



7640262



8434175



8156358



5922147



16547



3620



# Previews

## White Background



This preview shows how the Decimal color 13018740 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 13018740 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 13018740 Background



This preview shows how black text looks on a background with the Decimal color 13018740.



This preview shows how white text looks on a background with the Decimal color 13018740.

# 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**  
13018740

**Protanopia**  
12168054

**Deuteranopia**  
13411189



**Tritanopia**  
13410219

# Trichromacy



**Original Color**  
13018740

**Protanomaly**  
12495221

**Deuteranomaly**  
13280373

**Tritanomaly**  
13279895

# Monochromacy



**Original Color**  
13018740

**Achromatopsia**  
11184810

**Achromatomaly**  
11839894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13018740 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 #C6A674 looks like.

```
.text, #text, p{  
    color:#C6A674  
}
```

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 #C6A674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A674
}
```

## Border

The CSS property to change the border of an element to Decimal 13018740 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
#C6A674 }
```

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

```
.border{ border-color:#C6A674 }
```

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

Here you see how a box with a 4 pixel #C6A674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A674; -webkit-box-shadow:4px 4px  
4px 4px #C6A674; box-shadow:4px 4px 4px  
4px #C6A674 }
```

# Background

The CSS property to change the background color of an element to Decimal 13018740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A674 }
```

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

```
.background{ background-color:#C6A674 }
```

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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