

Converting Colors

Decimal(13017193)

Have a look what the booklet for
Decimal(13017193) contains.

Decimal(13017193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13017193)

Conversions

Conversions Part 1

Format	Color
Hex	C6A069
RGB	198, 160, 105
RGB Percent	78%, 63%, 41%
CMY	0.2235, 0.3725, 0.5882
CMYK	0.00, 0.19, 0.47, 0.22
HSL	35°, 45%, 59%
HSV	35°, 47%, 78%
XYZ	38.4093, 38.1673, 18.7072
YIQ	165.0920, 40.3030, -9.0490

Conversions

Conversions Part 2

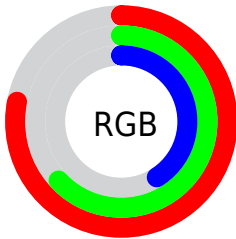
Format	Color
RYB	169, 198, 105
Decimal	13017193
CIELab	68.14, 6.97, 33.89
CIELCh	68, 34.600, 78.376
Yxy	38.1673, 0.4031, 0.4006
Android (android.graphics.Color)	4291207273 (0xFFC6A069)
YUV	165.0920, -29.6254, 28.8603
Hunter-Lab	61.7797, 2.8615, 25.2924

Details

The Decimal color **13017193** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6918086**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16766877**, and **9334072** is the 20% darker color. If you saturate the color by 10%, you get **13015125**, and if you desaturate by 10%, it is **13019261**.

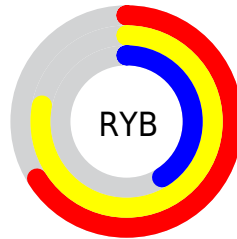
Distribution



Red (78%)

Green (63%)

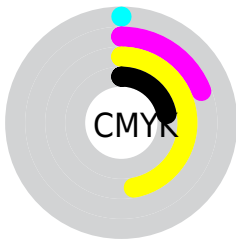
Blue (41%)



Red (66%)

Yellow (78%)

Blue (41%)

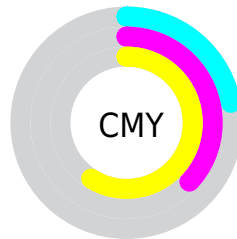


Cyan (0%)

Magenta (19%)

Yellow (47%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 13017193 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 13017193 by changing the saturation by 10% instead.

 13017193

 13017193

16777215

 11175504

 16766877

 9334072

 16774072

 7558177

 16777172

 5848329

 16777201

 4204544

 2561024

 0

 13017193

 13017193

 13015125

 13019261

13013057

13021329

13010990

13023396

13008922

13025464

13006854

13027532

13006080

13029856

13031924

13033983

13036031

Harmonies

Analogous

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



14390905



13017193



11053674

Triad

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



13017193



3717049



12752848

Complementary

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



13017193



6918086

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.



10003169



13017193



3781844

Square

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



13017193



6141592



6729187



14389172

Rectangle

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



13017193



9482356



6729187



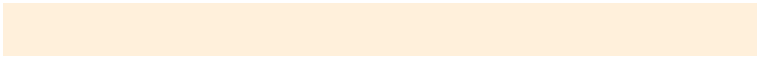
11901911

Sweetspot

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



13017193



16773339



13003152



8419178



0



8421504

Same Dimension

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



13017193



16762224



12502633



6512474



10707200



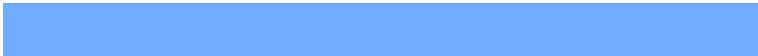
2364672

Inverse Universe

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



6918086



7384063



7432646



5922403



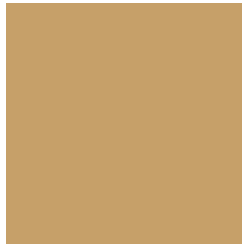
17315



3876

Previews

White Background



This preview shows how the Decimal color 13017193 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 13017193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

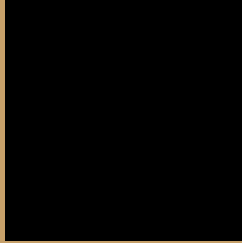
Any Text WCAG AA ✓ Pass

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 13017193 Background



This preview shows how black text looks on a background with the Decimal color 13017193.



This preview shows how white text looks on a background with the Decimal color 13017193.

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
13017193

Protanopia
11904619

Deuteranopia
13213545

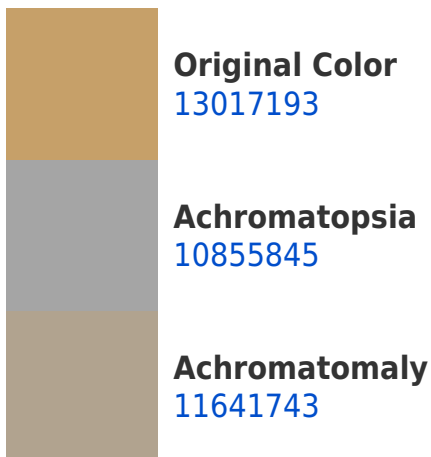


Tritanopia
13408676

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13017193 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 #C6A069 looks like.

```
.text, #text, p{  
    color:#C6A069  
}
```

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 #C6A069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A069
}
```

Border

The CSS property to change the border of an element to Decimal 13017193 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
#C6A069 }
```

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

```
.border{ border-color:#C6A069 }
```

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

Here you see how a box with a 4 pixel #C6A069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A069; -webkit-box-shadow:4px 4px  
4px 4px #C6A069; box-shadow:4px 4px 4px  
4px #C6A069 }
```

Background

The CSS property to change the background color of an element to Decimal 13017193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A069 }
```

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

```
.background{ background-color:#C6A069 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor