

Converting Colors

Decimal(13027957)

Have a look what the booklet for
Decimal(13027957) contains.

Decimal(13027957)	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(13027957)

Conversions

Conversions Part 1

Format	Color
Hex	C6CA75
RGB	198, 202, 117
RGB Percent	78%, 79%, 46%
CMY	0.2235, 0.2078, 0.5412
CMYK	0.02, 0.00, 0.42, 0.21
HSL	63°, 45%, 63%
HSV	63°, 42%, 79%
XYZ	47.6201, 55.5312, 25.0384
YIQ	191.1140, 24.9010, -27.2830

Conversions

Conversions Part 2

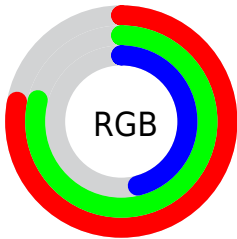
Format	Color
RYB	117, 202, 121
Decimal	13027957
CIELab	79.35, -13.86, 41.86
CIELCh	79, 44.093, 108.316
Yxy	55.5312, 0.3715, 0.4332
Android (android.graphics.Color)	4291218037 (0xFFC6CA75)
YUV	191.1140, -36.5382, 6.0390
Hunter-Lab	74.5192, -16.3416, 32.2421

Details

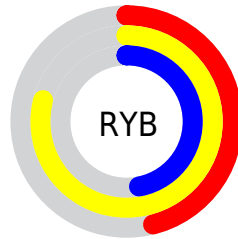
The Decimal color **13027957** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7960010**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16777130**, and **9409602** is the 20% darker color. If you saturate the color by 10%, you get **12962401**, and if you desaturate by 10%, it is **13093513**.

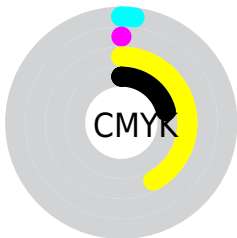
Distribution



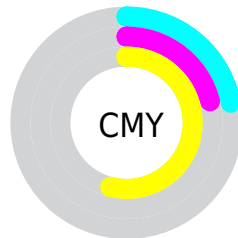
- Red (78%)
- Green (79%)
- Blue (46%)



- Red (46%)
- Yellow (79%)
- Blue (47%)



- Cyan (2%)
- Magenta (0%)
- Yellow (42%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 13027957 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 13027957 by changing the saturation by 10% instead.

 13027957

 13027957

16777215

 11186011

 16777130

 9409602

 16777158

 7633450

 16777187

 5923343

 4278784

 2700032

 990720

 0


 13027957

 13027957

 12962401

 13093513

 12896845

 13159069

 12831288

 13224626

 12765732

 13290182

 12700176

 13355738

 12634624

 13421294

 13486847

 13552383

 13617919

Harmonies

Analogous

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



15580532



13027957



9950348

Triad

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



13027957



55039



16754390

Complementary

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



13027957



7960010

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.



15249916



13027957



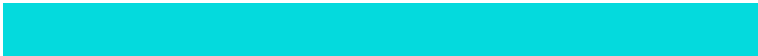
6934015

Square

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



13027957



318173



11649279



16754093

Rectangle

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



13027957



7657637



11649279



16755172

Sweetspot

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



13027957



16646110



13269109



8355947



0



8421504

Same Dimension

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



13027957



16383872



10340981



6710876



10397184



2369024

Inverse Universe

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



7960010



8749311



10646986



6052966



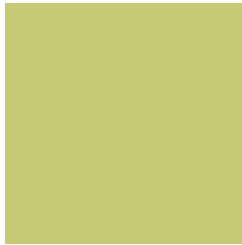
524454



131110

Previews

White Background



This preview shows how the Decimal color 13027957 looks on a white background.

Color Contrast Check

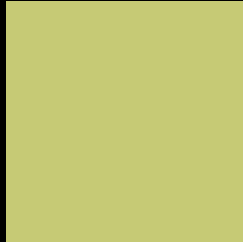
Large Text (above 18pt) WCAG AA × Fail

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 13027957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

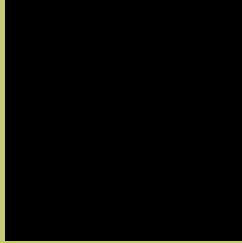
Any Text WCAG AA ✓ Pass

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 13027957 Background



This preview shows how black text looks on a background with the Decimal color 13027957.



This preview shows how white text looks on a background with the Decimal color 13027957.

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](#).

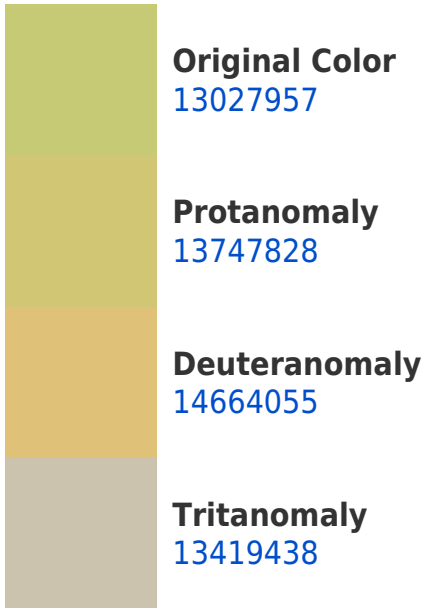
Dichromacy



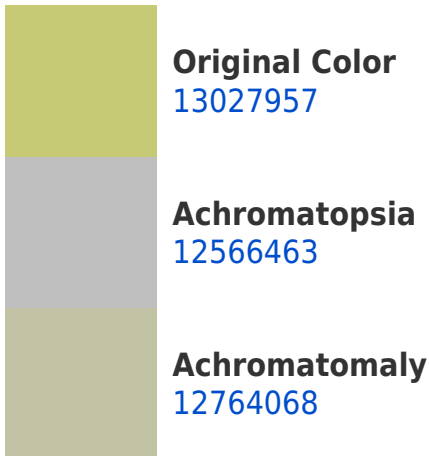


Tritanopia
13680591

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13027957 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 #C6CA75 looks like.

```
.text, #text, p{  
    color:#C6CA75  
}
```

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 #C6CA75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6CA75
}
```

Border

The CSS property to change the border of an element to Decimal 13027957 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
#C6CA75 }
```

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

```
.border{ border-color:#C6CA75 }
```

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

Here you see how a box with a 4 pixel #C6CA75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6CA75; -webkit-box-shadow:4px 4px  
4px 4px #C6CA75; box-shadow:4px 4px 4px  
4px #C6CA75 }
```

Background

The CSS property to change the background color of an element to Decimal 13027957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6CA75 }
```

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

```
.background{ background-color:#C6CA75 }
```

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