

Converting Colors

Decimal(13026122)

Have a look what the booklet for
Decimal(13026122) contains.

Decimal(13026122)	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(13026122)

Conversions

Conversions Part 1

Format	Color
Hex	C6C34A
RGB	198, 195, 74
RGB Percent	78%, 76%, 29%
CMY	0.2235, 0.2353, 0.7098
CMYK	0.00, 0.02, 0.63, 0.22
HSL	59°, 52%, 53%
HSV	59°, 63%, 78%
XYZ	44.0398, 51.5304, 14.1038
YIQ	182.1030, 40.6290, -36.9950

Conversions

Conversions Part 2

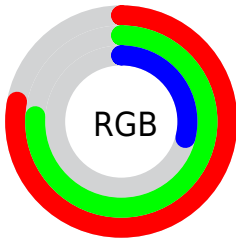
Format	Color
RYB	77, 198, 74
Decimal	13026122
CIELab	77.00, -13.95, 59.15
CIELCh	77, 60.773, 103.272
Yxy	51.5304, 0.4016, 0.4699
Android (android.graphics.Color)	4291216202 (0xFFC6C34A)
YUV	182.1030, -53.2948, 13.9417
Hunter-Lab	71.7847, -16.1136, 38.6004

Details

The Decimal color **13026122** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **4869574**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16776064**, and **9276939** is the 20% darker color. If you saturate the color by 10%, you get **13026102**, and if you desaturate by 10%, it is **13026142**.

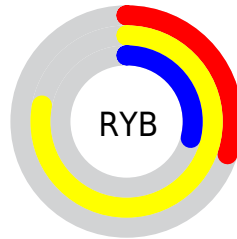
Distribution



Red (78%)

Green (76%)

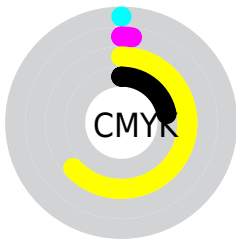
Blue (29%)



Red (30%)

Yellow (78%)

Blue (29%)

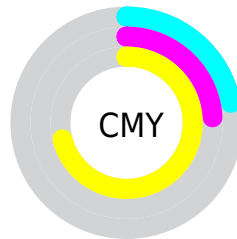


Cyan (0%)

Magenta (2%)

Yellow (63%)

Black (22%)



Cyan (22%)



















Magenta (24%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13026122 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 13026122 by changing the saturation by 10% instead.

 13026122	 13026122
 16777215	 11118638
 16776064	 9276939
 16777115	 7500800
 16777143	 5725184
 16777172	 3949568
 16777201	 2305536
	 203520
	 0
 13026122	 13026122

■ 13026102

■ 13026142

■ 13025826

■ 13026418

■ 13025807

■ 13026437

■ 13025536

■ 13026713

■ 13026733

■ 13027009

■ 13027029

■ 13027304

■ 13027324

Harmonies

Analogous

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



16298063



13026122



8900712

Triad

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



13026122



55295



16749280

Complementary

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



13026122



4869574

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.



14853631



13026122



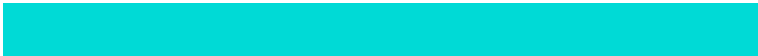
52735

Square

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



13026122



56022



9026815



16747943

Rectangle

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



13026122



5101193



9026815



16750578

Sweetspot

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



13026122



16776911



12995150



8421218



0



8421504

Same Dimension

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



13026122



16775744



9225802



6513498



10723072



2368256

Inverse Universe

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



4869574



4211967



8669894



5921379



1187



292

Previews

White Background



This preview shows how the Decimal color 13026122 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 13026122 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 13026122 Background



This preview shows how black text looks on a background with the Decimal color 13026122.



This preview shows how white text looks on a background with the Decimal color 13026122.

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
13026122

Protanopia
13942345

Deuteranopia
15512910



Tritanopia
13744069

Trichromacy



Original Color
13026122

Protanomaly
13615177

Deuteranomaly
14596685

Tritanomaly
13482904

Monochromacy



Original Color
13026122

Achromatopsia
11974326

Achromatomaly
12368783

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13026122 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 #C6C34A looks like.

```
.text, #text, p{  
    color:#C6C34A  
}
```

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 #C6C34A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6C34A
}
```

Border

The CSS property to change the border of an element to Decimal 13026122 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
#C6C34A }
```

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

```
.border{ border-color:#C6C34A }
```

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

Here you see how a box with a 4 pixel #C6C34A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6C34A; -webkit-box-shadow:4px 4px  
4px 4px #C6C34A; box-shadow:4px 4px 4px  
4px #C6C34A }
```

Background

The CSS property to change the background color of an element to Decimal 13026122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6C34A }
```

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

```
.background{ background-color:#C6C34A }
```

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