

Converting Colors

Decimal(13024102)

Have a look what the booklet for
Decimal(13024102) contains.

Decimal(13024102)	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(13024102)

Conversions

Conversions Part 1

Format	Color
Hex	C6BB66
RGB	198, 187, 102
RGB Percent	78%, 73%, 40%
CMY	0.2235, 0.2667, 0.6000
CMYK	0.00, 0.06, 0.48, 0.22
HSL	53°, 46%, 59%
HSV	53°, 48%, 78%
XYZ	43.4573, 48.5057, 19.6425
YIQ	180.5990, 33.8410, -24.1030

Conversions

Conversions Part 2

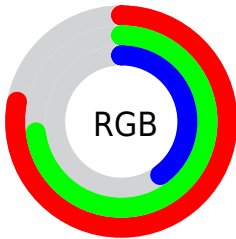
Format	Color
RYB	114, 198, 102
Decimal	13024102
CIELab	75.14, -7.66, 44.13
CIELCh	75, 44.795, 99.851
Yxy	48.5057, 0.3894, 0.4346
Android (android.graphics.Color)	4291214182 (0xFFC6BB66)
YUV	180.5990, -38.7493, 15.2607
Hunter-Lab	69.6461, -10.5013, 32.0305

Details

The Decimal color **13024102** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6713798**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16774043**, and **9340468** is the 20% darker color. If you saturate the color by 10%, you get **13023570**, and if you desaturate by 10%, it is **13024634**.

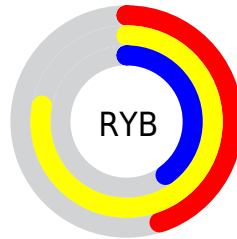
Distribution



Red (78%)

Green (73%)

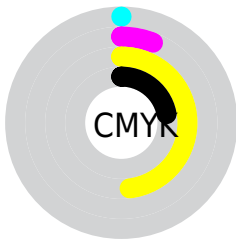
Blue (40%)



Red (45%)

Yellow (78%)

Blue (40%)

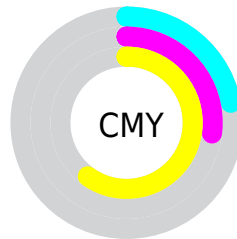


Cyan (0%)

Magenta (6%)

Yellow (48%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 13024102 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 13024102 by changing the saturation by 10% instead.

 13024102

 13024102

16777215

 11182157

 16774043

 9340468

 16777142

 7564570

 16777170

 5854464

 16777199

 4210176

 2566144

 595200

 0

 13024102

 13024102

13023570

13024634

13022782

13025422

13022251

13025953

13021719

13026485

13021187

13027017

13020928

13027805

13028337

13028863

13029375

Harmonies

Analogous

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



15445356



13024102



10077816

Triad

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



13024102



52461



16227542

Complementary

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



13024102



6713798

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.



13609465



13024102



3851775

Square

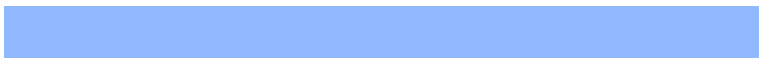
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13024102



53190



9550335



16750765

Rectangle

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



13024102



7850894



9550335



15507683

Sweetspot

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



13024102



16776153



13002353



8420713



0



8421504

Same Dimension

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



13024102



16772715



10602086



6513242



10719232



2367488

Inverse Universe

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



6713798



7044351



9135814



5921635



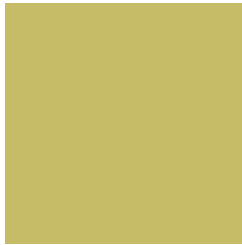
5027



1060

Previews

White Background



This preview shows how the Decimal color 13024102 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 13024102 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 13024102 Background



This preview shows how black text looks on a background with the Decimal color 13024102.



This preview shows how white text looks on a background with the Decimal color 13024102.

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
13024102

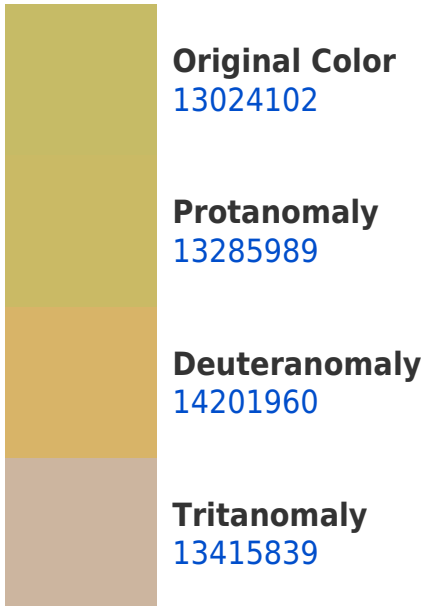
Protanopia
13416805

Deuteranopia
14856297



Tritanopia
13611455

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13024102 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 #C6BB66 looks like.

```
.text, #text, p{  
    color:#C6BB66  
}
```

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 #C6BB66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6BB66
}
```

Border

The CSS property to change the border of an element to Decimal 13024102 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
#C6BB66 }
```

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

```
.border{ border-color:#C6BB66 }
```

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

Here you see how a box with a 4 pixel #C6BB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6BB66; -webkit-box-shadow:4px 4px  
4px 4px #C6BB66; box-shadow:4px 4px 4px  
4px #C6BB66 }
```

Background

The CSS property to change the background color of an element to Decimal 13024102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6BB66 }
```

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

```
.background{ background-color:#C6BB66 }
```

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