

Converting Colors

Decimal(12701500)

Have a look what the booklet for
Decimal(12701500) contains.

Decimal(12701500)	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(12701500)

Conversions

Conversions Part 1

Format	Color
Hex	C1CF3C
RGB	193, 207, 60
RGB Percent	76%, 81%, 24%
CMY	0.2431, 0.1882, 0.7647
CMYK	0.07, 0.00, 0.71, 0.19
HSL	66°, 60%, 52%
HSV	66°, 71%, 81%
XYZ	45.1208, 56.2893, 12.7618
YIQ	186.0560, 38.8430, -48.6850

Conversions

Conversions Part 2

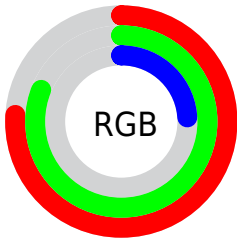
Format	Color
RYB	60, 207, 74
Decimal	12701500
CIELab	79.78, -22.79, 67.26
CIELCh	80, 71.014, 108.719
Yxy	56.2893, 0.3952, 0.4930
Android (android.graphics.Color)	4290891580 (0xFFC1CF3C)
YUV	186.0560, -62.1456, 6.0899
Hunter-Lab	75.0262, -23.9460, 42.4333

Details

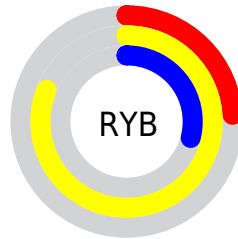
The Decimal color **12701500** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4865231**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16580469**, and **8952064** is the 20% darker color. If you saturate the color by 10%, you get **12570407**, and if you desaturate by 10%, it is **12832593**.

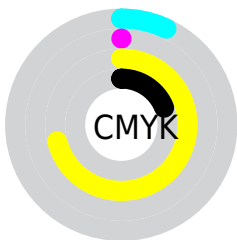
Distribution



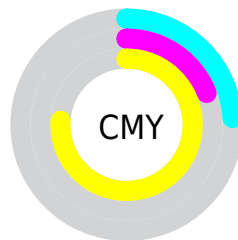
- Red (76%)
- Green (81%)
- Blue (24%)



- Red (24%)
- Yellow (81%)
- Blue (29%)



- Cyan (7%)
- Magenta (0%)
- Yellow (71%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12701500 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 12701500 by changing the saturation by 10% instead.

 12701500

 12701500


16777215

 10794010

 16580469

 8952064

 16777104

 7110400

 16777133

 5334528

 16777161

 3558912

 16777191

 1783552

 8704

 0

 12701500

 12701500

■ 12570407

■ 12832593

■ 12439315

■ 12963685

■ 12308224

■ 13094778

■ 13225871

■ 13356963

■ 13488056

■ 13619149

■ 13750242

■ 13881334

Harmonies

Analogous

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



16693819



12701500



7527786

Triad

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



12701500



57855



16747746

Complementary

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



12701500



4865231

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.



16622335



12701500



54527

Square

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



12701500



59118



10075903



16747423

Rectangle

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



12701500



58003



10075903



16749303

Sweetspot

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



12701500



16449481



13584444



8159328



0



8421504

Same Dimension

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



12701500



15400742



7982908



6842718



10004480



2435328

Inverse Universe

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



4865231



3876607



9583823



6250089



1048744



262185

Previews

White Background



This preview shows how the Decimal color 12701500 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 12701500 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 12701500 Background



This preview shows how black text looks on a background with the Decimal color 12701500.

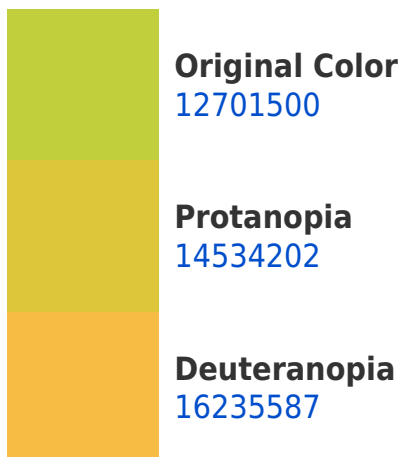



This preview shows how white text looks on a background with the Decimal color 12701500.

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
13615568

Trichromacy



Original Color
12701500

Protanomaly
13879611

Deuteranomaly
14926656

Tritanomaly
13289114

Monochromacy



Original Color
12701500

Achromatopsia
12237498

Achromatomaly
12436108

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12701500 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 #C1CF3C looks like.

```
.text, #text, p{  
    color:#C1CF3C  
}
```

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 #C1CF3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1CF3C
}
```

Border

The CSS property to change the border of an element to Decimal 12701500 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
#C1CF3C }
```

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

```
.border{ border-color:#C1CF3C }
```

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

Here you see how a box with a 4 pixel #C1CF3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1CF3C; -webkit-box-shadow:4px 4px  
4px 4px #C1CF3C; box-shadow:4px 4px 4px  
4px #C1CF3C }
```

Background

The CSS property to change the background color of an element to Decimal 12701500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1CF3C }
```

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

```
.background{ background-color:#C1CF3C }
```

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