

Converting Colors

Decimal(12830500)

Have a look what the booklet for
Decimal(12830500) contains.

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Color

Decimal(12830500)

Conversions

Conversions Part 1

Format	Color
Hex	C3C724
RGB	195, 199, 36
RGB Percent	76%, 78%, 14%
CMY	0.2353, 0.2196, 0.8588
CMYK	0.02, 0.00, 0.82, 0.22
HSL	61°, 69%, 46%
HSV	61°, 82%, 78%
XYZ	43.2475, 52.5763, 9.5379
YIQ	179.2220, 49.9390, -51.5410

Conversions

Conversions Part 2

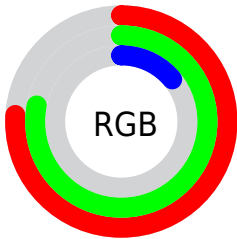
Format	Color
RYB	36, 199, 40
Decimal	12830500
CIELab	77.62, -18.98, 72.60
CIELCh	78, 75.038, 104.652
Yxy	52.5763, 0.4105, 0.4990
Android (android.graphics.Color)	4291020580 (0xFFC3C724)
YUV	179.2220, -70.6084, 13.8373
Hunter-Lab	72.5095, -20.4273, 42.9577

Details

The Decimal color **12830500** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **2630855**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16777058**, and **9015552** is the 20% darker color. If you saturate the color by 10%, you get **12830480**, and if you desaturate by 10%, it is **12830520**.

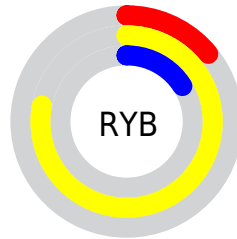
Distribution



Red (76%)

Green (78%)

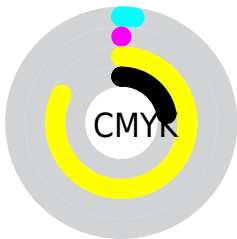
Blue (14%)



Red (14%)

Yellow (78%)

Blue (16%)

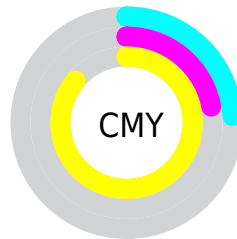


Cyan (2%)

Magenta (0%)

Yellow (82%)

Black (22%)



Cyan (24%)



















Magenta (22%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12830500 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 12830500 by changing the saturation by 10% instead.

 12830500	 12830500
16777215	 10923008
 16777058	 9015552
 16777086	 7174144
 16777115	 5398272
 16777143	 3557376
 16777172	 1847552
 16777202	 7424
	 0
 12830500	 12830500

■ 12830480

■ 12830520

■ 12764928

■ 12896076

■ 12896096

■ 12961652

■ 12961672

■ 13027227

■ 13027247

■ 13092803

■ 13092823

Harmonies

Analogous

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



16756525



12830500



7591510

Triad

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



12830500



56831



16745447

Complementary

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



12830500



2630855

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.



15703807



12830500



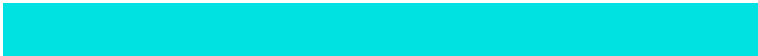
54015

Square

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



12830500



57825



7781631



16744097

Rectangle

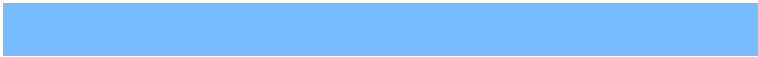
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12830500



56705



7781631



16747261

Sweetspot

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



12830500



16646079



13051684



8355929



0



8421504

Same Dimension

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



12830500



16383749



7587620



6513498



10461952



2302976

Inverse Universe

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



2630855



722431



7873735



5921379



262307



65572

Previews

White Background



This preview shows how the Decimal color 12830500 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 12830500 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 12830500 Background



This preview shows how black text looks on a background with the Decimal color 12830500.



This preview shows how white text looks on a background with the Decimal color 12830500.

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](#).

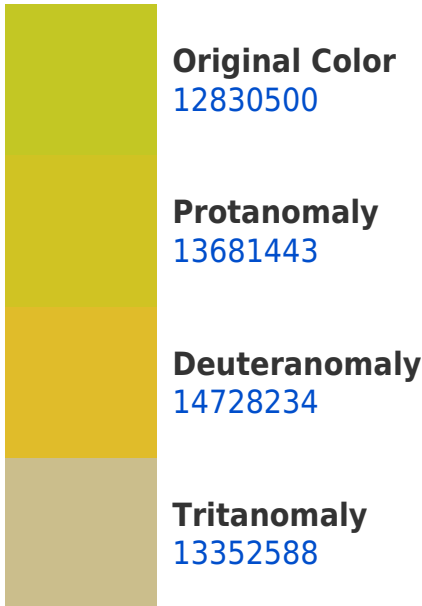
Dichromacy





Tritanopia
13679048

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12830500 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 #C3C724 looks like.

```
.text, #text, p{  
    color:#C3C724  
}
```

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 #C3C724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C724
}
```

Border

The CSS property to change the border of an element to Decimal 12830500 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
#C3C724 }
```

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

```
.border{ border-color:#C3C724 }
```

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

Here you see how a box with a 4 pixel #C3C724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C724; -webkit-box-shadow:4px 4px  
4px 4px #C3C724; box-shadow:4px 4px 4px  
4px #C3C724 }
```

Background

The CSS property to change the background color of an element to Decimal 12830500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C724 }
```

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

```
.background{ background-color:#C3C724 }
```

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](#).

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