

Converting Colors

Decimal(12830493)

Have a look what the booklet for
Decimal(12830493) contains.

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Color

Decimal(12830493)

Conversions

Conversions Part 1

Format	Color
Hex	C3C71D
RGB	195, 199, 29
RGB Percent	76%, 78%, 11%
CMY	0.2353, 0.2196, 0.8863
CMYK	0.02, 0.00, 0.85, 0.22
HSL	61°, 75%, 45%
HSV	61°, 85%, 78%
XYZ	43.1509, 52.5377, 9.0289
YIQ	178.4240, 52.1860, -53.7180

Conversions

Conversions Part 2

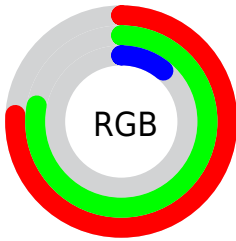
Format	Color
R _Y B	29, 199, 33
Decimal	12830493
CIE Lab	77.60, -19.17, 74.17
CIE LCh	78, 76.604, 104.491
Yxy	52.5377, 0.4121, 0.5017
Android (android.graphics.Color)	4291020573 (0xFFC3C71D)
YUV	178.4240, -73.6660, 14.5372
Hunter-Lab	72.4829, -20.5795, 43.3525

Details

The Decimal color **12830493** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed yellow. A complement of this color would be **2170311**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16777054**, and **9015552** is the 20% darker color. If you saturate the color by 10%, you get **12830473**, and if you desaturate by 10%, it is **12830513**.

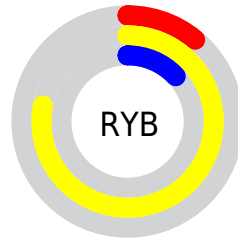
Distribution



Red (76%)

Green (78%)

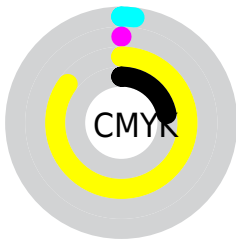
Blue (11%)



Red (11%)

Yellow (78%)

Blue (13%)

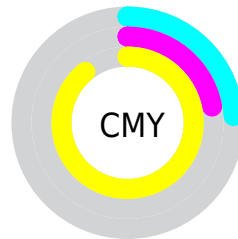


Cyan (2%)

Magenta (0%)

Yellow (85%)

Black (22%)



Cyan (24%)




















Magenta (22%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12830493 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 12830493 by changing the saturation by 10% instead.

 12830493	 12830493
 16777215	 10923008
 16777054	 9015552
 16777083	 7174144
 16777111	 5332736
 16777140	 3557376
 16777169	 1847552
 16777198	 7424
	 0
 12830493	 12830493

■ 12830473

■ 12830513

■ 12764928

■ 12896069

■ 12896089

■ 12961645

■ 12961665

■ 13027220

■ 13027240

■ 13092796

■ 13092816

Harmonies

Analogous

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



16756520



12830493



7460691

Triad

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



12830493



57087



16744936

Complementary

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



12830493



2170311

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.



15703551



12830493



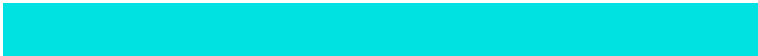
54015

Square

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



12830493



57825



7453951



16743328

Rectangle

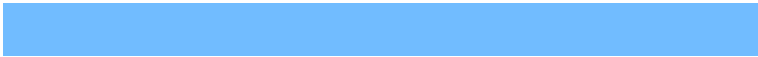
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12830493



56703



7453951



16747006

Sweetspot

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



12830493



16646077



13049885



8355928



0



8421504

Same Dimension

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



12830493



16383744



7325469



6513498



10461952



2302976

Inverse Universe

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



2170311



393471



7675335



5921379



262307



65572

Previews

White Background



This preview shows how the Decimal color 12830493 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 12830493 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 12830493 Background



This preview shows how black text looks on a background with the Decimal color 12830493.



This preview shows how white text looks on a background with the Decimal color 12830493.

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](#).

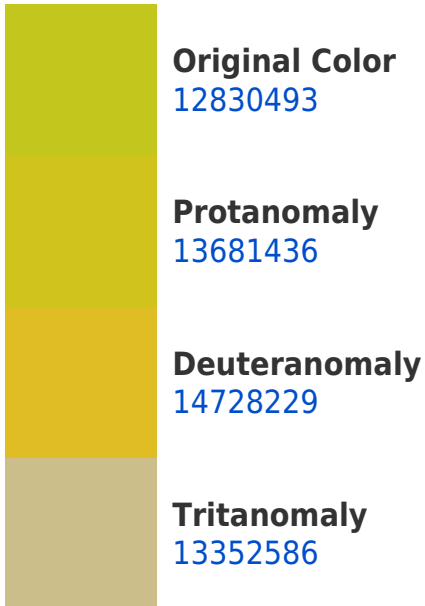
Dichromacy





Tritanopia
13679048

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12830493 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 #C3C71D looks like.

```
.text, #text, p{  
    color:#C3C71D  
}
```

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 #C3C71D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C71D
}
```

Border

The CSS property to change the border of an element to Decimal 12830493 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
#C3C71D }
```

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

```
.border{ border-color:#C3C71D }
```

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

Here you see how a box with a 4 pixel #C3C71D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C71D; -webkit-box-shadow:4px 4px  
4px 4px #C3C71D; box-shadow:4px 4px 4px  
4px #C3C71D }
```

Background

The CSS property to change the background color of an element to Decimal 12830493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C71D }
```

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

```
.background{ background-color:#C3C71D }
```

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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