

# Converting Colors

Decimal(12830505)

Have a look what the booklet for  
Decimal(12830505) contains.

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# **Color**

**Decimal(12830505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C729
RGB	195, 199, 41
RGB Percent	76%, 78%, 16%
CMY	0.2353, 0.2196, 0.8392
CMYK	0.02, 0.00, 0.79, 0.22
HSL	62°, 66%, 47%
HSV	62°, 79%, 78%
XYZ	43.3293, 52.6090, 9.9687
YIQ	179.7920, 48.3340, -49.9860

# Conversions

## Conversions Part 2

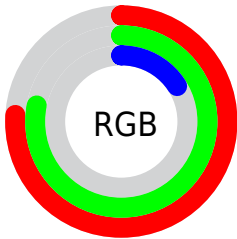
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 199, 45
Decimal	12830505
CIE <sub>Lab</sub>	77.64, -18.82, 71.31
CIE <sub>LCh</sub>	78, 73.755, 104.785
Yxy	52.6090, 0.4091, 0.4967
Android (android.graphics.Color)	4291020585 (0xFFC3C729)
YUV	179.7920, -68.4245, 13.3374
Hunter-Lab	72.5321, -20.2985, 42.6238

# Details

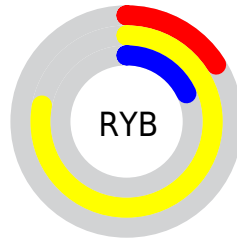
The Decimal color **12830505** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **2959815**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16777061**, and **9015552** is the 20% darker color. If you saturate the color by 10%, you get **12764949**, and if you desaturate by 10%, it is **12896061**.

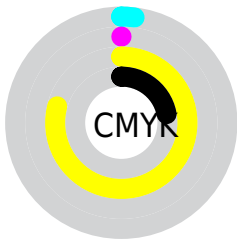
# Distribution



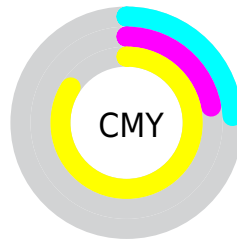
- Red (76%)
- Green (78%)
- Blue (16%)



- Red (16%)
- Yellow (78%)
- Blue (18%)



- Cyan (2%)
- Magenta (0%)
- Yellow (79%)
- Black (22%)





















- Cyan (24%)
- Magenta (22%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12830505 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 12830505 by changing the saturation by 10% instead.



 12830505	 12830505
16777215	 10923008
 16777061	 9015552
 16777089	 7174144
 16777118	 5398272
 16777146	 3622912
 16777175	 1913088
 16777205	 7424
	 0
 12830505	 12830505

■ 12764949

■ 12896061

■ 12764929

■ 12896081

■ 12764928

■ 12961637

■ 12961657

■ 13027213

■ 13027232

■ 13092788

■ 13092808

■ 13158364

# Harmonies

## Analogous

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



16756785



12830505



7657048

# Triad

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



12830505



56831



16745702

# Complementary

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



12830505



2959815

# 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.



15638527



12830505



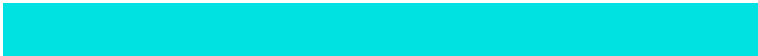
53759

# Square

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



12830505



57825



8043775



16744353

# Rectangle

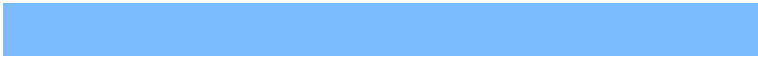
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12830505



56451



8043775



16747771



# Sweetspot

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



12830505



16646082



13052969



8355931



0



8421504



# Same Dimension

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



12830505



16383757



7718697



6513498



10461952



2302976



# Inverse Universe

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



2959815



1248767



8071623



5921379



262307



65572



# Previews

## White Background



This preview shows how the Decimal color 12830505 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 12830505 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 12830505 Background



This preview shows how black text looks on a background with the Decimal color 12830505.



This preview shows how white text looks on a background with the Decimal color 12830505.

# 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**  
12830505

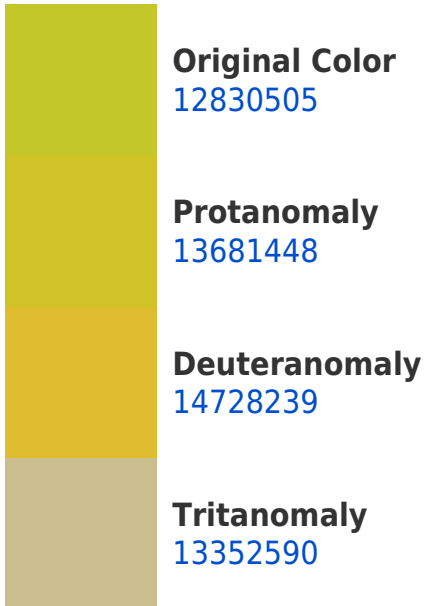
**Protanopia**  
14204967

**Deuteranopia**  
15840818



**Tritanopia**  
13679048

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12830505 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 #C3C729 looks like.

```
.text, #text, p{  
  color:#C3C729  
}
```

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 #C3C729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C729
}
```

## Border

The CSS property to change the border of an element to Decimal 12830505 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
#C3C729 }
```

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

```
.border{ border-color:#C3C729 }
```

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

Here you see how a box with a 4 pixel #C3C729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C729; -webkit-box-shadow:4px 4px  
4px 4px #C3C729; box-shadow:4px 4px 4px  
4px #C3C729 }
```

# Background

The CSS property to change the background color of an element to Decimal 12830505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C729 }
```

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

```
.background{ background-color:#C3C729 }
```

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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