

# Converting Colors

Decimal(14012990)

Have a look what the booklet for  
Decimal(14012990) contains.

<b>Decimal(14012990)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(14012990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5D23E
RGB	213, 210, 62
RGB Percent	84%, 82%, 24%
CMY	0.1647, 0.1765, 0.7569
CMYK	0.00, 0.01, 0.71, 0.16
HSL	59°, 64%, 54%
HSV	59°, 71%, 84%
XYZ	51.3567, 60.5871, 13.5451
YIQ	194.0250, 49.2960, -45.3920

# Conversions

## Conversions Part 2

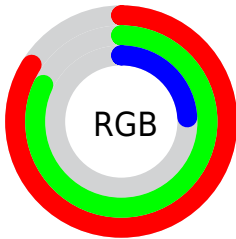
Format	Color
<b>RYB</b>	65, 213, 62
Decimal	14012990
CIELab	82.16, -15.84, 69.40
CIELCh	82, 71.180, 102.860
Yxy	60.5871, 0.4093, 0.4828
Android (android.graphics.Color)	4292203070 (0xFFD5D23E)
YUV	194.0250, -65.0883, 16.6411
Hunter-Lab	77.8377, -18.4433, 44.1689

# Details

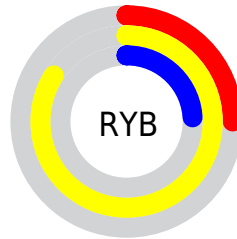
The Decimal color **14012990** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4080085**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16777079**, and **10198016** is the 20% darker color. If you saturate the color by 10%, you get **14012969**, and if you desaturate by 10%, it is **14013011**.

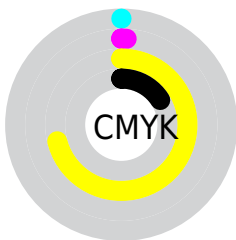
# Distribution



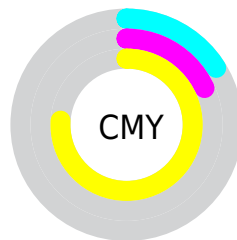
- Red (84%)
- Green (82%)
- Blue (24%)



- Red (25%)
- Yellow (84%)
- Blue (24%)



- Cyan (0%)
- Magenta (1%)
- Yellow (71%)
- Black (16%)



















- Cyan (16%)
- Magenta (18%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14012990 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 14012990 by changing the saturation by 10% instead.



 14012990	 14012990
16777215	 12105501
 16777079	 10198016
 16777107	 8290816
 16777135	 6514944
 16777164	 4673792
 16777193	 2963968
	 1320192
	 3584
	 0

14012990

14012990

14012969

14013011

14012691

14013289

14012672

14013310

14013587

14013609

14013886

14013907

14013928

14014206

# Harmonies

## Analogous

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



16759623



14012990



9101925

# Triad

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



14012990



59903



16750069

# Complementary

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



14012990



4080085

# 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.



16101119



14012990



57087

# Square

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



14012990



60904



8702719



16748722

# Rectangle

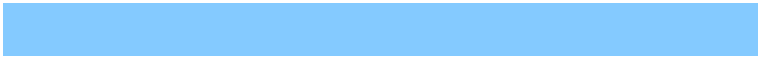
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14012990



3860620



8702719



16752127



# Sweetspot

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



14012990



16776905



13975107



8421216



0



8421504



# Same Dimension

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



14012990



16775974



9426238



7039840



11249408



2828800



# Inverse Universe

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



4080085



2501631



8666837



6316395



939



299



# Previews

## White Background



This preview shows how the Decimal color 14012990 looks on a white background.

## Color Contrast Check

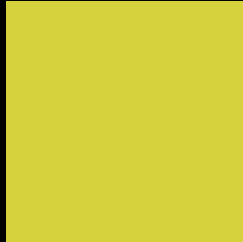
Large Text (above 18pt) WCAG AA × Fail

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 14012990 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 14012990 Background



This preview shows how black text looks on a background with the Decimal color 14012990.

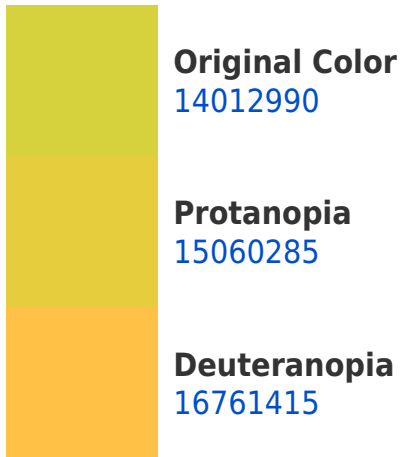



This preview shows how white text looks on a background with the Decimal color 14012990.

# 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**  
14861523

# Trichromacy



**Original Color**  
14012990

**Protanomaly**  
14667581

**Deuteranomaly**  
15779908

**Tritanomaly**  
14535069

# Monochromacy



**Original Color**  
14012990

**Achromatopsia**  
12763842

**Achromatomaly**  
13224082

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14012990 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 #D5D23E looks like.

```
.text, #text, p{  
    color:#D5D23E  
}
```

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 #D5D23E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5D23E
}
```

## Border

The CSS property to change the border of an element to Decimal 14012990 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
#D5D23E }
```

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

```
.border{ border-color:#D5D23E }
```

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

Here you see how a box with a 4 pixel #D5D23E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5D23E; -webkit-box-shadow:4px 4px  
4px 4px #D5D23E; box-shadow:4px 4px 4px  
4px #D5D23E }
```

# Background

The CSS property to change the background color of an element to Decimal 14012990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5D23E }
```

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

```
.background{ background-color:#D5D23E }
```

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