

# Converting Colors

Decimal(12823342)

Have a look what the booklet for  
Decimal(12823342) contains.

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# **Color**

**Decimal(12823342)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3AB2E
RGB	195, 171, 46
RGB Percent	76%, 67%, 18%
CMY	0.2353, 0.3294, 0.8196
CMYK	0.00, 0.12, 0.76, 0.24
HSL	50°, 62%, 47%
HSV	50°, 76%, 76%
XYZ	37.5617, 40.9252, 8.5044
YIQ	163.9260, 54.4290, -33.7870

# Conversions

## Conversions Part 2

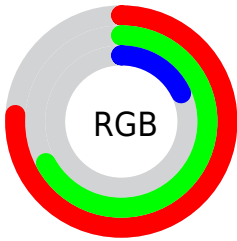
Format	Color
<a href="#">RYB</a>	<a href="#">75, 195, 46</a>
Decimal	<a href="#">12823342</a>
CIELab	<a href="#">70.12, -4.30, 63.00</a>
CIELCh	<a href="#">70, 63.144, 93.906</a>
Yxy	<a href="#">40.9252, 0.4318, 0.4705</a>
Android (android.graphics.Color)	<a href="#">4291013422 (0xFFC3AB2E)</a>
YUV	<a href="#">163.9260, -58.1375, 27.2519</a>
Hunter-Lab	<a href="#">63.9728, -7.1458, 36.8991</a>

# Details

The Decimal color **12823342** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **3032771**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **16769638**, and **9008896** is the 20% darker color. If you saturate the color by 10%, you get **12822554**, and if you desaturate by 10%, it is **12824130**.

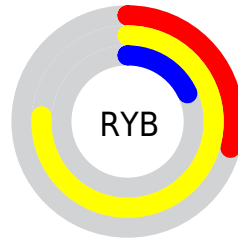
# Distribution



Red (76%)

Green (67%)

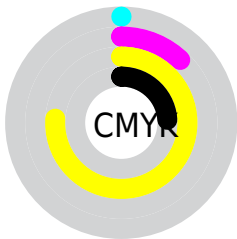
Blue (18%)



Red (29%)

Yellow (76%)

Blue (18%)

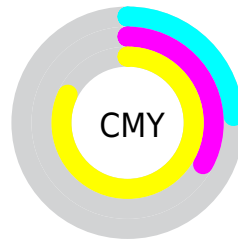


Cyan (0%)

Magenta (12%)

Yellow (76%)

Black (24%)



Cyan (24%)

Magenta (33%)




















Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12823342 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 12823342 by changing the saturation by 10% instead.



 12823342	 12823342
 16777215	 10916104
 16769638	 9008896
 16777089	 7167744
 16777116	 5392128
 16777144	 3682560
 16777173	 2039040
 16777202	 256
	 0
 12823342	 12823342

■ 12822554

■ 12824130

■ 12821767

■ 12824917

■ 12821504

■ 12825705

■ 12826748

■ 12827536

■ 12828323

■ 12829111

■ 12829898

■ 12830685

# Harmonies

## Analogous

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



15832642



12823342



8960581

# Triad

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



12823342



50922



16220639

# Complementary

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



12823342



3032771

# 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.



12032511



12823342



49151

# Square

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



12823342



51121



3452927



16742054

# Rectangle

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



12823342



5488996



3452927



15108592



# Sweetspot

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



12823342



16577474



12791367



8419932



0



8421504



# Same Dimension

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



12823342



16570132



9552686



6381399



10585856



2169856



# Inverse Universe

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



3032771



1325820



6303427



5724513



6817



1313



# Previews

## White Background



This preview shows how the Decimal color 12823342 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 12823342 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 12823342 Background



This preview shows how black text looks on a background with the Decimal color 12823342.



This preview shows how white text looks on a background with the Decimal color 12823342.

# 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**  
12823342

**Protanopia**  
12692526

**Deuteranopia**  
14132018



**Tritanopia**  
13410476

# Trichromacy



**Original Color**  
12823342

**Protanomaly**  
12758062

**Deuteranomaly**  
13674033

**Tritanomaly**  
13214846

# Monochromacy



**Original Color**  
12823342

**Achromatopsia**  
10790052

**Achromatomaly**  
11511673

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12823342 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 #C3AB2E looks like.

```
.text, #text, p{  
  color:#C3AB2E  
}
```

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 #C3AB2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3AB2E
}
```

## Border

The CSS property to change the border of an element to Decimal 12823342 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
#C3AB2E }
```

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

```
.border{ border-color:#C3AB2E }
```

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

Here you see how a box with a 4 pixel #C3AB2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3AB2E; -webkit-box-shadow:4px 4px  
4px 4px #C3AB2E; box-shadow:4px 4px 4px  
4px #C3AB2E }
```

# Background

The CSS property to change the background color of an element to Decimal 12823342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3AB2E }
```

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

```
.background{ background-color:#C3AB2E }
```

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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