

# Converting Colors

Decimal(12833634)

Have a look what the booklet for  
Decimal(12833634) contains.

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# **Color**

**Decimal(12833634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D362
RGB	195, 211, 98
RGB Percent	76%, 83%, 38%
CMY	0.2353, 0.1725, 0.6157
CMYK	0.08, 0.00, 0.54, 0.17
HSL	68°, 56%, 61%
HSV	68°, 54%, 83%
XYZ	48.0045, 59.0725, 20.4273
YIQ	193.3340, 26.7370, -38.5350

# Conversions

## Conversions Part 2

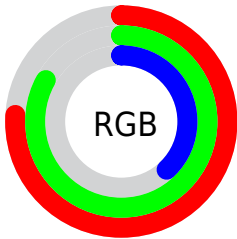
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 211, 114
Decimal	12833634
CIELab	81.33, -21.35, 53.32
CIELCh	81, 57.434, 111.819
Yxy	59.0725, 0.3765, 0.4633
Android (android.graphics.Color)	4291023714 (0xFFC3D362)
YUV	193.3340, -46.9997, 1.4611
Hunter-Lab	76.8586, -23.0146, 38.0431

# Details

The Decimal color **12833634** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7496403**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **16646040**, and **9149741** is the 20% darker color. If you saturate the color by 10%, you get **12637005**, and if you desaturate by 10%, it is **13030263**.

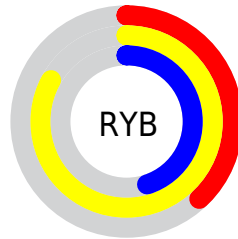
# Distribution



Red (76%)

Green (83%)

Blue (38%)



Red (38%)

Yellow (83%)

Blue (45%)

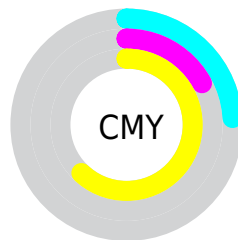


Cyan (8%)

Magenta (0%)

Yellow (54%)

Black (17%)



Cyan (24%)

Magenta (17%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12833634 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 12833634 by changing the saturation by 10% instead.



 12833634

 12833634

16777215

 10991432

 16646040

 9149741

 16777139

 7373325

 16777168

 5597440

 16777197

 3952896

 2243072

 336896

 2304

 0

■ 12833634

■ 12833634

■ 12637005

■ 13030263

■ 12440376

■ 13226892

■ 12243747

■ 13423521

■ 12047118

■ 13620150

■ 11916032

■ 13816779

■ 14013409

■ 14210038

■ 14406655

■ 14603263

# Harmonies

## Analogous

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



16237149



12833634



8642437

# Triad

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



12833634



57599



16752347

# Complementary

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



12833634



7496403

# 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.



16690687



12833634



3659007

# Square

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



12833634



58864



11977471



16752549

# Rectangle

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



12833634



4645799



11977471



16753389

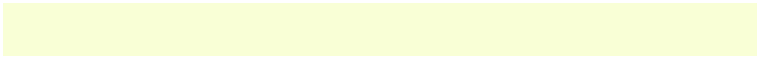


# Sweetspot

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



12833634



16383958



13857122



8159335



0



8421504



# Same Dimension

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



12833634



15269724



9163618



6777182



9480192



2304256



# Inverse Universe

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



7496403



7560447



11166419



6315625



1573032



393257



# Previews

## White Background



This preview shows how the Decimal color 12833634 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 12833634 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 12833634 Background



This preview shows how black text looks on a background with the Decimal color 12833634.

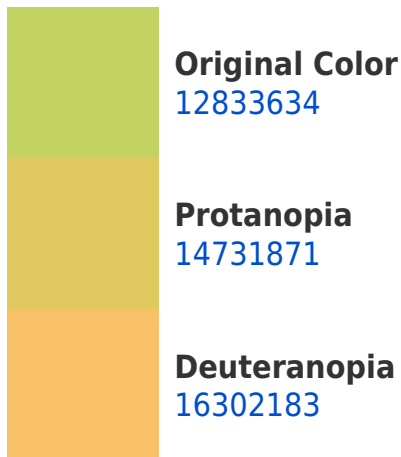



This preview shows how white text looks on a background with the Decimal color 12833634.

# 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**  
13682646

# Trichromacy



**Original Color**  
12833634

**Protanomaly**  
14011744

**Deuteranomaly**  
15058789

**Tritanomaly**  
13355948

# Monochromacy



**Original Color**  
12833634

**Achromatopsia**  
12698049

**Achromatomaly**  
12765342

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12833634 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 #C3D362 looks like.

```
.text, #text, p{  
    color:#C3D362  
}
```

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 #C3D362 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D362
}
```

## Border

The CSS property to change the border of an element to Decimal 12833634 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
#C3D362 }
```

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

```
.border{ border-color:#C3D362 }
```

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

Here you see how a box with a 4 pixel #C3D362 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D362; -webkit-box-shadow:4px 4px  
4px 4px #C3D362; box-shadow:4px 4px 4px  
4px #C3D362 }
```

# Background

The CSS property to change the background color of an element to Decimal 12833634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D362 }
```

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

```
.background{ background-color:#C3D362 }
```

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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