

# Converting Colors

Decimal(12959342)

Have a look what the booklet for  
Decimal(12959342) contains.

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# **Color**

**Decimal(12959342)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5BE6E
RGB	197, 190, 110
RGB Percent	77%, 75%, 43%
CMY	0.2275, 0.2549, 0.5686
CMYK	0.00, 0.04, 0.44, 0.23
HSL	55°, 43%, 60%
HSV	55°, 44%, 77%
XYZ	44.2539, 49.8230, 22.0362
YIQ	182.9730, 29.8520, -23.3960

# Conversions

## Conversions Part 2

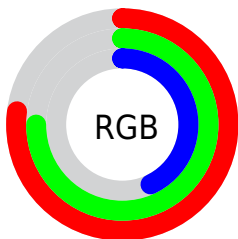
Format	Color
<a href="#">RYB</a>	<a href="#">118, 197, 110</a>
Decimal	<a href="#">12959342</a>
CIELab	<a href="#">75.96, -8.85, 41.13</a>
CIELCh	<a href="#">76, 42.070, 102.143</a>
Yxy	<a href="#">49.8230, 0.3811, 0.4291</a>
Android (android.graphics.Color)	<a href="#">4291149422 (0xFFC5BE6E)</a>
YUV	<a href="#">182.9730, -35.9757, 12.3017</a>
Hunter-Lab	<a href="#">70.5854, -11.6130, 30.8999</a>

# Details

The Decimal color **12959342** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7239109**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16774819**, and **9341244** is the 20% darker color. If you saturate the color by 10%, you get **12958810**, and if you desaturate by 10%, it is **12959874**.

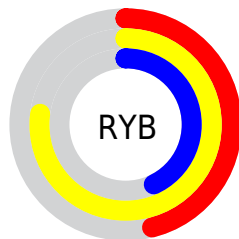
# Distribution



Red (77%)

Green (75%)

Blue (43%)



Red (46%)

Yellow (77%)

Blue (43%)

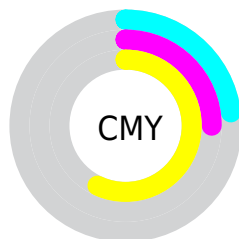


Cyan (0%)

Magenta (4%)

Yellow (44%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12959342 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 12959342 by changing the saturation by 10% instead.





12959342



12959342

16777215



11117397



16774819



9341244



16777150



7565347



16777179



5854983



16777207



4210688



2566656



661248



0



12959342



12959342

12958810

12959874

12958535

12960149

12958003

12960681

12957727

12960957

12957196

12961489

12956928

12962020

12962296

12962815

12963071

# Harmonies

## Analogous

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



15249778



12959342



10143872

# Triad

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



12959342



52718



16294100

# Complementary

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



12959342



7239109

# 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.



13937653



12959342



5687039

# Square

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



12959342



2609354



10271487



16752045

# Rectangle

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



12959342



8048022



10271487



15639520



# Sweetspot

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



12959342



16776414



12938869



8420971



0



8421504



# Same Dimension

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



12959342



16774264



10601838



6513498



10720768



2367744



# Inverse Universe

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



7239109



7898111



9596613



5921379



3491



804



# Previews

## White Background



This preview shows how the Decimal color 12959342 looks on a white background.

## Color Contrast Check

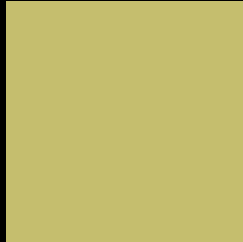
Large Text (above 18pt) WCAG AA × Fail

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 12959342 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

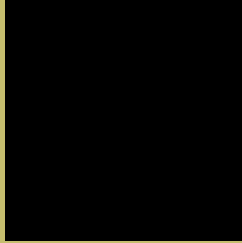
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12959342 Background



This preview shows how black text looks on a background with the Decimal color 12959342.



This preview shows how white text looks on a background with the Decimal color 12959342.

# 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**  
12959342

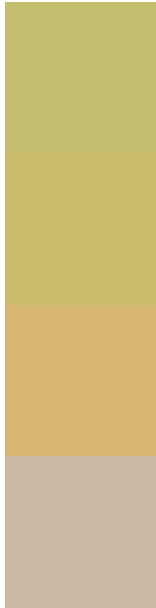
**Protanopia**  
13482861

**Deuteranopia**  
14922609



**Tritanopia**  
13546690

# Trichromacy



**Original Color**  
12959342

**Protanomaly**  
13286509

**Deuteranomaly**  
14202736

**Tritanomaly**  
13351075

# Monochromacy



**Original Color**  
12959342

**Achromatopsia**  
12040119

**Achromatomaly**  
12368540

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12959342 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 #C5BE6E looks like.

```
.text, #text, p{  
    color:#C5BE6E  
}
```

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 #C5BE6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5BE6E
}
```

## Border

The CSS property to change the border of an element to Decimal 12959342 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
#C5BE6E }
```

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

```
.border{ border-color:#C5BE6E }
```

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

Here you see how a box with a 4 pixel #C5BE6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5BE6E; -webkit-box-shadow:4px 4px  
4px 4px #C5BE6E; box-shadow:4px 4px 4px  
4px #C5BE6E }
```

# Background

The CSS property to change the background color of an element to Decimal 12959342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5BE6E }
```

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

```
.background{ background-color:#C5BE6E }
```

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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