

# Converting Colors

Decimal(12959352)

Have a look what the booklet for  
Decimal(12959352) contains.

<b>Decimal(12959352)</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(12959352)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5BE78
RGB	197, 190, 120
RGB Percent	77%, 75%, 47%
CMY	0.2275, 0.2549, 0.5294
CMYK	0.00, 0.04, 0.39, 0.23
HSL	55°, 40%, 62%
HSV	55°, 39%, 77%
XYZ	44.8296, 50.0533, 25.0678
YIQ	184.1130, 26.6420, -20.2860

# Conversions

## Conversions Part 2

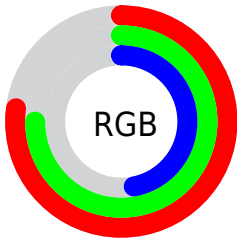
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 197, 120
Decimal	12959352
CIELab	76.10, -7.79, 36.22
CIELCh	76, 37.045, 102.133
Yxy	50.0533, 0.3737, 0.4173
Android (android.graphics.Color)	4291149432 (0xFFC5BE78)
YUV	184.1130, -31.6077, 11.3019
Hunter-Lab	70.7484, -10.7034, 28.5160

# Details

The Decimal color **12959352** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7897029**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16774829**, and **9341254** is the 20% darker color. If you saturate the color by 10%, you get **12958820**, and if you desaturate by 10%, it is **12959884**.

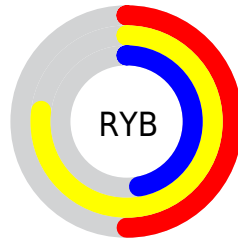
# Distribution



Red (77%)

Green (75%)

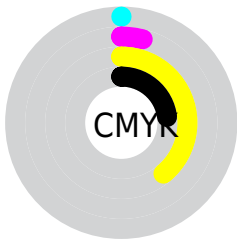
Blue (47%)



Red (50%)

Yellow (77%)

Blue (47%)

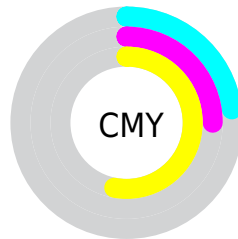


Cyan (0%)

Magenta (4%)

Yellow (39%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12959352 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 12959352 by changing the saturation by 10% instead.



 12959352

 12959352

16777215

 11117407

 16774829

 9341254

 16777161

 7565358

 16777189

 5920534

 4276224

 2697728

 923136

 0

 12959352

 12959352

12958820

12959884

12958289

12960415

12958013

12960691

12957481

12961223

12956950

12961755

12956418

12962286

12956416

12962815

12963071

12963583

# Harmonies

## Analogous

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



15053435



12959352



10471304

# Triad

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



12959352



4312296



15901905

# Complementary

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



12959352



7897029

# 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.



13807343



12959352



7063036

# Square

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



12959352



5099209



10664702



16753327

# Rectangle

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



12959352



8702875



10664702



15312860

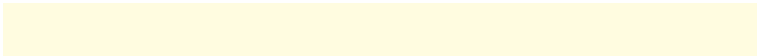


# Sweetspot

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



12959352



16776416



12941440



8420974



0



8421504

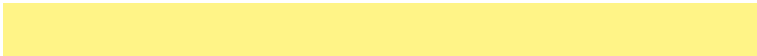


# Same Dimension

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



12959352



16774279



10929528



6513498



10720256



2367488



# Inverse Universe

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



7897029



8884991



9926853



5921379



4003



804



# Previews

## White Background



This preview shows how the Decimal color 12959352 looks on a white background.

## Color Contrast Check

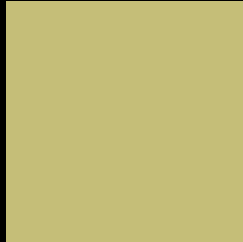
Large Text (above 18pt) WCAG AA × Fail

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 12959352 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

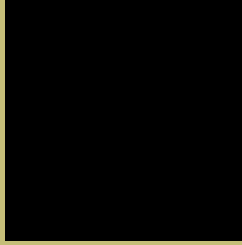
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

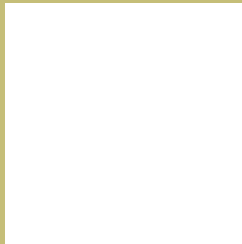
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12959352 Background



This preview shows how black text looks on a background with the Decimal color 12959352.



This preview shows how white text looks on a background with the Decimal color 12959352.

# 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**  
12959352

**Protanopia**  
13417591

**Deuteranopia**  
14857082



**Tritanopia**  
13481411

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12959352 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 #C5BE78 looks like.

```
.text, #text, p{  
    color:#C5BE78  
}
```

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 #C5BE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5BE78
}
```

## Border

The CSS property to change the border of an element to Decimal 12959352 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
#C5BE78 }
```

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

```
.border{ border-color:#C5BE78 }
```

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

Here you see how a box with a 4 pixel #C5BE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5BE78; -webkit-box-shadow:4px 4px  
4px 4px #C5BE78; box-shadow:4px 4px 4px  
4px #C5BE78 }
```

# Background

The CSS property to change the background color of an element to Decimal 12959352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5BE78 }
```

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

```
.background{ background-color:#C5BE78 }
```

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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