

# Converting Colors

Decimal(12959091)

Have a look what the booklet for  
Decimal(12959091) contains.

<b>Decimal(12959091)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(12959091)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5BD73
RGB	197, 189, 115
RGB Percent	77%, 74%, 45%
CMY	0.2275, 0.2588, 0.5490
CMYK	0.00, 0.04, 0.42, 0.23
HSL	54°, 41%, 61%
HSV	54°, 42%, 77%
XYZ	44.3181, 49.5033, 23.4389
YIQ	182.9560, 28.5220, -21.3180

# Conversions

## Conversions Part 2

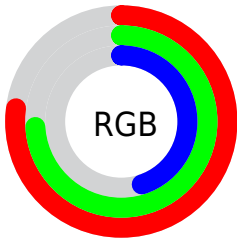
Format	Color
<a href="#">RYB</a>	<a href="#">124, 197, 115</a>
Decimal	<a href="#">12959091</a>
CIELab	<a href="#">75.76, -7.81, 38.35</a>
CIELCh	<a href="#">76, 39.136, 101.515</a>
Yxy	<a href="#">49.5033, 0.3779, 0.4222</a>
Android (android.graphics.Color)	<a href="#">4291149171 (0xFFC5BD73)</a>
YUV	<a href="#">182.9560, -33.5023, 12.3166</a>
Hunter-Lab	<a href="#">70.3586, -10.6924, 29.4994</a>

# Details

The Decimal color **12959091** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7568325**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16774568**, and **9340993** is the 20% darker color. If you saturate the color by 10%, you get **12958559**, and if you desaturate by 10%, it is **12959623**.

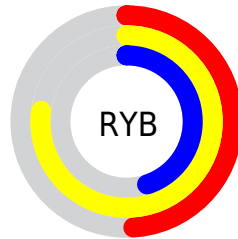
# Distribution



Red (77%)

Green (74%)

Blue (45%)



Red (49%)

Yellow (77%)

Blue (45%)

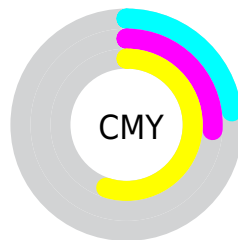


Cyan (0%)

Magenta (4%)

Yellow (42%)

Black (23%)



Cyan (23%)

Magenta (26%)
















Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12959091 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 12959091 by changing the saturation by 10% instead.



 12959091	 12959091
16777215	 11117146
 16774568	 9340993
 16777156	 7565097
 16777184	 5854736
16777213	 4210432
	 2631936
	 792064
	 0
 12959091	 12959091

12958559

12959623

12958028

12960154

12957496

12960686

12956964

12961218

12956432

12961750

12956160

12962281

12962557

12963071

12963583

# Harmonies

## Analogous

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



15118711



12959091



10340227

# Triad

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



12959091



2936041



15966930

# Complementary

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



12959091



7568325

# 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.



13741297



12959091



6407678

# Square

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



12959091



4247240



10402303



16752558

# Rectangle

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



12959091



8440727



10402303



15377886

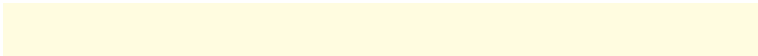


# Sweetspot

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



12959091



16776416



12940155



8420974



0



8421504



# Same Dimension

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



12959091



16774016



10798451



6513242



10720000



2367488



# Inverse Universe

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



7568325



8424703



9728965



5921379



4259



804



# Previews

## White Background



This preview shows how the Decimal color 12959091 looks on a white background.

## Color Contrast Check

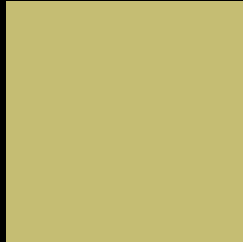
Large Text (above 18pt) WCAG AA × Fail

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 12959091 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

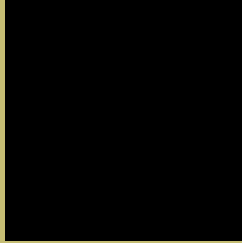
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12959091 Background



This preview shows how black text looks on a background with the Decimal color 12959091.



This preview shows how white text looks on a background with the Decimal color 12959091.

# 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**  
12959091

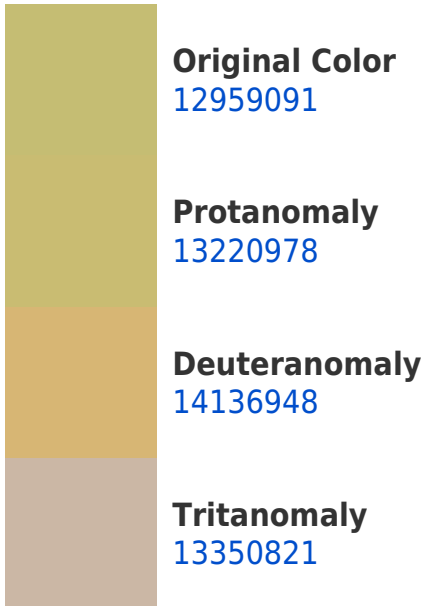
**Protanopia**  
13417330

**Deuteranopia**  
14791285



**Tritanopia**  
13546690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12959091 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 #C5BD73 looks like.

```
.text, #text, p{  
    color:#C5BD73  
}
```

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 #C5BD73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5BD73
}
```

## Border

The CSS property to change the border of an element to Decimal 12959091 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
#C5BD73 }
```

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

```
.border{ border-color:#C5BD73 }
```

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

Here you see how a box with a 4 pixel #C5BD73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5BD73; -webkit-box-shadow:4px 4px  
4px 4px #C5BD73; box-shadow:4px 4px 4px  
4px #C5BD73 }
```

# Background

The CSS property to change the background color of an element to Decimal 12959091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5BD73 }
```

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

```
.background{ background-color:#C5BD73 }
```

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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