

# Converting Colors

Decimal(12758591)

Have a look what the booklet for  
Decimal(12758591) contains.

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# **Color**

**Decimal(12758591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2AE3F
RGB	194, 174, 63
RGB Percent	76%, 68%, 25%
CMY	0.2392, 0.3176, 0.7529
CMYK	0.00, 0.10, 0.68, 0.24
HSL	51°, 52%, 50%
HSV	51°, 68%, 76%
XYZ	38.2814, 42.1003, 10.8112
YIQ	167.3260, 47.5510, -30.2810

# Conversions

## Conversions Part 2

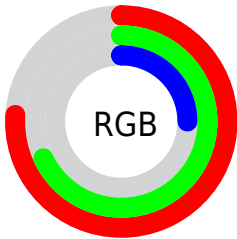
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 194, 63
Decimal	12758591
CIELab	70.94, -5.49, 57.28
CIELCh	71, 57.547, 95.476
Yxy	42.1003, 0.4198, 0.4617
Android (android.graphics.Color)	4290948671 (0xFFC2AE3F)
YUV	167.3260, -51.4327, 23.3931
Hunter-Lab	64.8848, -8.2350, 35.5404

# Details

The Decimal color **12758591** is a dark color, and the websafe version is hex **999933**. The color can be described as middle muted orange. A complement of this color would be **4150210**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16639348**, and **9009664** is the 20% darker color. If you saturate the color by 10%, you get **12757804**, and if you desaturate by 10%, it is **12759378**.

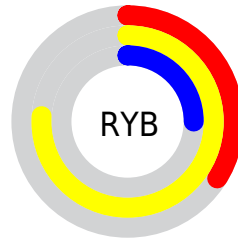
# Distribution



Red (76%)

Green (68%)

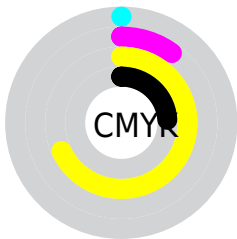
Blue (25%)



Red (34%)

Yellow (76%)

Blue (25%)

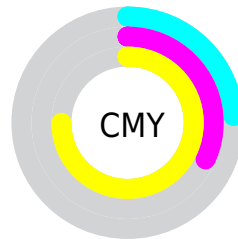


Cyan (0%)

Magenta (10%)

Yellow (68%)

Black (24%)



Cyan (24%)

Magenta (32%)



















Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12758591 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 12758591 by changing the saturation by 10% instead.



 12758591	 12758591
 16777215	 10851363
 16639348	 9009664
 16777103	 7168256
 16777131	 5458432
 16777159	 3683328
 16777188	 2105088
	 1536
	 0
 12758591	 12758591

12757804

12759378

12757016

12760166

12756229

12760953

12755968

12761741

12762528

12763315

12764103

12764890

12765678

# Harmonies

## Analogous

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



15571789



12758591



9157716

# Triad

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



12758591



50921



16091354

# Complementary

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



12758591



4150210

# 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.



12426495



12758591



49151

# Square

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



12758591



51382



6009087



16744358

# Rectangle

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



12758591



6079088



6009087



15109866

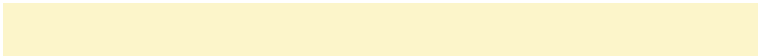


# Sweetspot

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



12758591



16577994



12730197



8420193



0



8421504



# Same Dimension

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



12758591



16571696



9880127



6381399



10586112



2169856



# Inverse Universe

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



4150210



3166204



7028674



5724513



6561



1313



# Previews

## White Background



This preview shows how the Decimal color 12758591 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 12758591 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 12758591 Background



This preview shows how black text looks on a background with the Decimal color 12758591.



This preview shows how white text looks on a background with the Decimal color 12758591.

# 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**  
12758591

**Protanopia**  
12758591

**Deuteranopia**  
14198082



**Tritanopia**  
13345712

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12758591 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 #C2AE3F looks like.

```
.text, #text, p{  
  color:#C2AE3F  
}
```

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 #C2AE3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AE3F
}
```

## Border

The CSS property to change the border of an element to Decimal 12758591 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
#C2AE3F }
```

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

```
.border{ border-color:#C2AE3F }
```

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

Here you see how a box with a 4 pixel #C2AE3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AE3F; -webkit-box-shadow:4px 4px  
4px 4px #C2AE3F; box-shadow:4px 4px 4px  
4px #C2AE3F }
```

# Background

The CSS property to change the background color of an element to Decimal 12758591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AE3F }
```

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

```
.background{ background-color:#C2AE3F }
```

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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