

# Converting Colors

Decimal(12626009)

Have a look what the booklet for  
Decimal(12626009) contains.

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# **Color**

**Decimal(12626009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0A859
RGB	192, 168, 89
RGB Percent	75%, 66%, 35%
CMY	0.2471, 0.3412, 0.6510
CMYK	0.00, 0.12, 0.54, 0.25
HSL	46°, 45%, 55%
HSV	46°, 54%, 75%
XYZ	37.5440, 39.9330, 15.1803
YIQ	166.1700, 39.6630, -19.4810

# Conversions

## Conversions Part 2

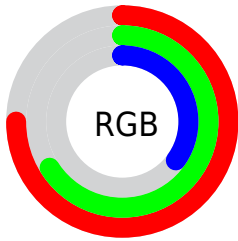
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 192, 89</a>
Decimal	<a href="#">12626009</a>
<a href="#">CIELab</a>	<a href="#">69.42, -1.33, 43.57</a>
<a href="#">CIElCh</a>	<a href="#">69, 43.594, 91.754</a>
<a href="#">Yxy</a>	<a href="#">39.9330, 0.4052, 0.4310</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290816089 (0xFFC0A859)</a>
<a href="#">YUV</a>	<a href="#">166.1700, -38.0448, 22.6529</a>
<a href="#">Hunter-Lab</a>	<a href="#">63.1926, -4.5364, 29.9920</a>

# Details

The Decimal color **12626009** is a light color, and the websafe version is hex **999933**. The color can be described as light muted orange. A complement of this color would be **5861824**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16441229**, and **8942631** is the 20% darker color. If you saturate the color by 10%, you get **12624966**, and if you desaturate by 10%, it is **12627052**.

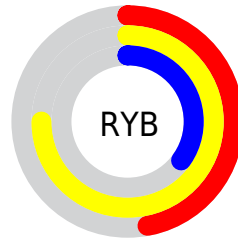
# Distribution



Red (75%)

Green (66%)

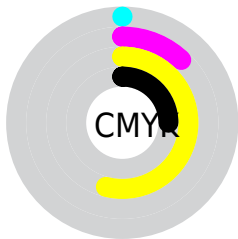
Blue (35%)



Red (47%)

Yellow (75%)

Blue (35%)

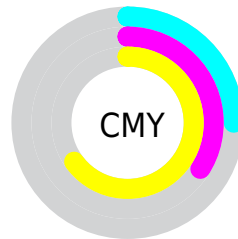


Cyan (0%)

Magenta (12%)

Yellow (54%)

Black (25%)



Cyan (25%)

Magenta (34%)




















Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12626009 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 12626009 by changing the saturation by 10% instead.



 12626009	 12626009
 16777215	 10784320
 16441229	 8942631
 16776360	 7166988
 16777156	 5457152
 16777184	 3812864
 16777213	 2169344
	 0
 12626009	 12626009
 12624966	 12627052

■ 12623667

■ 12628351

■ 12622623

■ 12629395

■ 12621324

■ 12630694

■ 12620544

■ 12631737

■ 12633036

■ 12634079

■ 12635379

■ 12636415

# Harmonies

## Analogous

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



14719589



12626009



9941860

# Triad

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



12626009



48594



14520528

# Complementary

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



12626009



5861824

# 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.



11575021



12626009



47086

# Square

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



12626009



1293995



7319032



15960745

# Rectangle

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



12626009



7846263



7319032



13669851



# Sweetspot

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



12626009



16445906



12605809



8222565



16579836



8224125



# Same Dimension

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



12626009



16438618



10862681



6381399



10582784



2169088



# Inverse Universe

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



5861824



5931002



7625152



5724513



9633

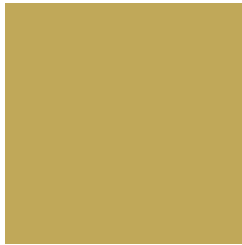


2081



# Previews

## White Background



This preview shows how the Decimal color 12626009 looks on a white background.

## Color Contrast Check

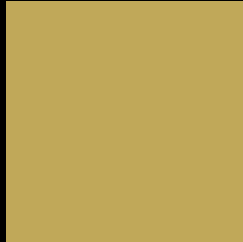
Large Text (above 18pt) WCAG AA × Fail

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 12626009 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 12626009 Background



This preview shows how black text looks on a background with the Decimal color 12626009.



This preview shows how white text looks on a background with the Decimal color 12626009.

# 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**  
12626009

**Protanopia**  
12298842

**Deuteranopia**  
13673051



**Tritanopia**  
13148075

# Trichromacy



**Original Color**  
12626009

**Protanomaly**  
12429658

**Deuteranomaly**  
13280346

**Tritanomaly**  
12952205

# Monochromacy



**Original Color**  
12626009

**Achromatopsia**  
10921638

**Achromatomaly**  
11511690

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12626009 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 #C0A859 looks like.

```
.text, #text, p{  
    color:#C0A859  
}
```

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 #C0A859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A859
}
```

## Border

The CSS property to change the border of an element to Decimal 12626009 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
#C0A859 }
```

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

```
.border{ border-color:#C0A859 }
```

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

Here you see how a box with a 4 pixel #C0A859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A859; -webkit-box-shadow:4px 4px  
4px 4px #C0A859; box-shadow:4px 4px 4px  
4px #C0A859 }
```

# Background

The CSS property to change the background color of an element to Decimal 12626009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A859 }
```

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

```
.background{ background-color:#C0A859 }
```

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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