

# Converting Colors

Decimal(12756579)

Have a look what the booklet for  
Decimal(12756579) contains.

<b>Decimal(12756579)</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(12756579)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2A663
RGB	194, 166, 99
RGB Percent	76%, 65%, 39%
CMY	0.2392, 0.3490, 0.6118
CMYK	0.00, 0.14, 0.49, 0.24
HSL	42°, 44%, 57%
HSV	42°, 49%, 76%
XYZ	38.1365, 39.6426, 17.4462
YIQ	166.7340, 38.1950, -14.9010

# Conversions

## Conversions Part 2

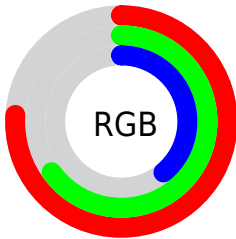
Format	Color
<a href="#">RYB</a>	<a href="#">139, 194, 99</a>
Decimal	<a href="#">12756579</a>
CIELab	<a href="#">69.21, 1.48, 38.29</a>
CIElCh	<a href="#">69, 38.321, 87.786</a>
Yxy	<a href="#">39.6426, 0.4005, 0.4163</a>
Android (android.graphics.Color)	<a href="#">4290946659</a> (0xFFC2A663)
YUV	<a href="#">166.7340, -33.3929, 23.9123</a>
Hunter-Lab	<a href="#">62.9624, -2.0663, 27.6451</a>

# Details

The Decimal color **12756579** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6520770**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16571799**, and **9073202** is the 20% darker color. If you saturate the color by 10%, you get **12755024**, and if you desaturate by 10%, it is **12758134**.

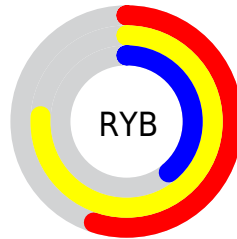
# Distribution



Red (76%)

Green (65%)

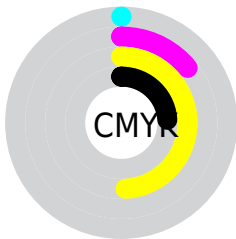
Blue (39%)



Red (55%)

Yellow (76%)

Blue (39%)

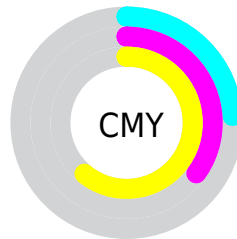


Cyan (0%)

Magenta (14%)

Yellow (49%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12756579 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 12756579 by changing the saturation by 10% instead.



 12756579

 12756579

16777215

 10914890

 16571799

 9073202

 16775602

 7297562

 16777166

 5587712

 16777194

 3943680

 2299904

 0

 12756579

 12756579

 12755024

 12758134

12753724

12759434

12752169

12760989

12750613

12762545

12749058

12764100

12749056

12765399

12766955

12768510

12769791

# Harmonies

## Analogous

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



14522991



12756579



10400106

# Triad

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



12756579



48072



13800910

# Complementary

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



12756579



6520770

# 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.



11117030



12756579



3061475

# Square

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



12756579



4570021



7450094



15306413

# Rectangle

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



12756579



8697465



7450094



13015512

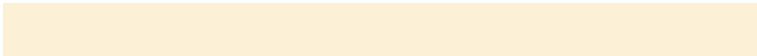


# Sweetspot

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



12756579



16576983



12739456



8419689



0



8421504



# Same Dimension

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



12756579



16568680



11518563



6381143



10580224



2168576



# Inverse Universe

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



6520770



6853628



7758786



5724769



12193

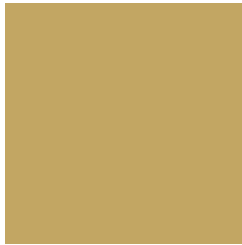


2593



# Previews

## White Background



This preview shows how the Decimal color 12756579 looks on a white background.

## Color Contrast Check

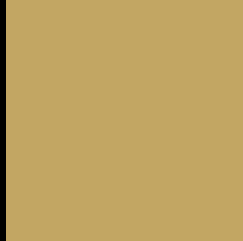
Large Text (above 18pt) WCAG AA × Fail

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 12756579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

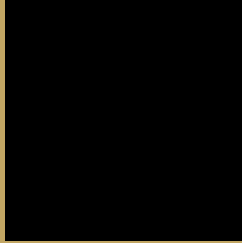
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12756579 Background



This preview shows how black text looks on a background with the Decimal color 12756579.



This preview shows how white text looks on a background with the Decimal color 12756579.

# 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**  
12756579

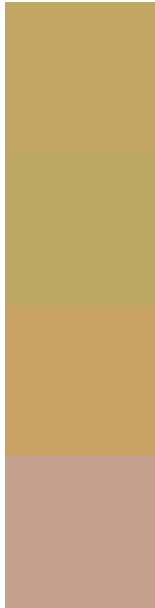
**Protanopia**  
12167524

**Deuteranopia**  
13476196



**Tritanopia**  
13213354

# Trichromacy



**Original Color**  
12756579

**Protanomaly**  
12363876

**Deuteranomaly**  
13214564

**Tritanomaly**  
13017488

# Monochromacy



**Original Color**  
12756579

**Achromatopsia**  
10987431

**Achromatomaly**  
11642766

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12756579 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 #C2A663 looks like.

```
.text, #text, p{  
    color:#C2A663  
}
```

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 #C2A663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A663
}
```

## Border

The CSS property to change the border of an element to Decimal 12756579 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
#C2A663 }
```

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

```
.border{ border-color:#C2A663 }
```

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

Here you see how a box with a 4 pixel #C2A663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A663; -webkit-box-shadow:4px 4px  
4px 4px #C2A663; box-shadow:4px 4px 4px  
4px #C2A663 }
```

# Background

The CSS property to change the background color of an element to Decimal 12756579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A663 }
```

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

```
.background{ background-color:#C2A663 }
```

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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