

# Converting Colors

Decimal(12753408)

Have a look what the booklet for  
Decimal(12753408) contains.

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# **Color**

**Decimal(12753408)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C29A00
RGB	194, 154, 0
RGB Percent	76%, 60%, 0%
CMY	0.2392, 0.3961, 1.0000
CMYK	0.00, 0.21, 1.00, 0.24
HSL	48°, 100%, 38%
HSV	48°, 100%, 76%
XYZ	33.8037, 34.5805, 4.8931
YIQ	148.4040, 73.2740, -39.4140

# Conversions

## Conversions Part 2

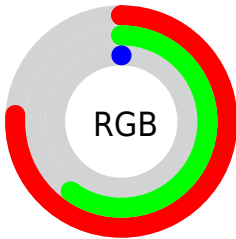
Format	Color
<a href="#">RYB</a>	50, 194, 0
Decimal	12753408
CIELab	65.42, 3.30, 69.28
CIELCh	65, 69.354, 87.273
Yxy	34.5805, 0.4613, 0.4719
Android (android.graphics.Color)	4290943488 (0xFFC29A00)
YUV	148.4040, -73.1632, 39.9877
Hunter-Lab	58.8052, -0.2998, 36.2303

# Details

The Decimal color **12753408** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **10434**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **16765002**, and **8873728** is the 20% darker color. If you saturate the color by 10%, you get **12753408**, and if you desaturate by 10%, it is **12754451**.

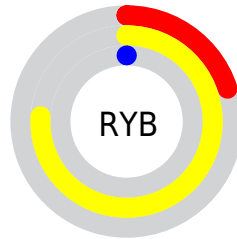
# Distribution



Red (76%)

Green (60%)

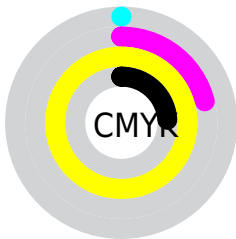
Blue (0%)



Red (20%)

Yellow (76%)

Blue (0%)

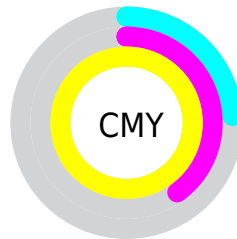


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (40%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12753408 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 12753408 by changing the saturation by 10% instead.



 12753408	 12753408
 16777215	 10780672
 16765002	 8873728
 16772198	 7032832
 16777090	 5191936
 16777118	 3482624
 16777146	 1838848
 16777175	 0
 16777205	
 12753408	

 12754451

 12755495

 12756538

 12757582

 12758625

 12759668

 12760712

 12761755

 12762799

# Harmonies

## Analogous

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



15761715



12753408



8825887

# Triad

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



12753408



48086



14972131

# Complementary

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



12753408



10434

# 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.



9671167



12753408



46847

# Square

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



12753408



48023



43263



16736679

# Rectangle

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



12753408



5223492



43263



13598452

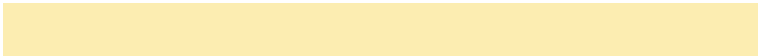


# Sweetspot

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



12753408



16575921



12714026



8418898



0



8421504



# Same Dimension

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



12753408



16566272



9159168



6381399



10584064



2169344



# Inverse Universe

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



10434



13564



3604674



5724513



8609

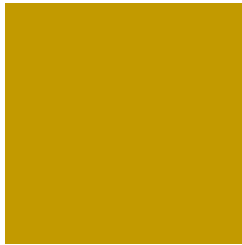


1825



# Previews

## White Background



This preview shows how the Decimal color 12753408 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 12753408 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 12753408 Background



This preview shows how black text looks on a background with the Decimal color 12753408.



This preview shows how white text looks on a background with the Decimal color 12753408.

# 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**  
12753408

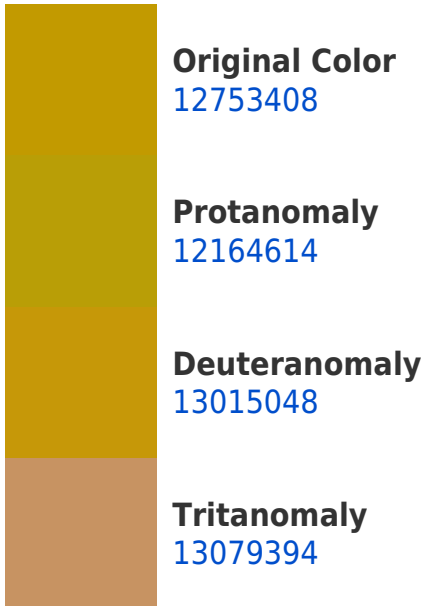
**Protanopia**  
11837449

**Deuteranopia**  
13211404



**Tritanopia**  
13275034

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12753408 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 #C29A00 looks like.

```
.text, #text, p{  
    color:#C29A00  
}
```

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 #C29A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29A00
}
```

## Border

The CSS property to change the border of an element to Decimal 12753408 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
#C29A00 }
```

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

```
.border{ border-color:#C29A00 }
```

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

Here you see how a box with a 4 pixel #C29A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29A00; -webkit-box-shadow:4px 4px  
4px 4px #C29A00; box-shadow:4px 4px 4px  
4px #C29A00 }
```

# Background

The CSS property to change the background color of an element to Decimal 12753408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29A00 }
```

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

```
.background{ background-color:#C29A00 }
```

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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