

# Converting Colors

Decimal(13398784)

Have a look what the booklet for  
Decimal(13398784) contains.

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# Color

**Decimal(13398784)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7300
RGB	204, 115, 0
RGB Percent	80%, 45%, 0%
CMY	0.2000, 0.5490, 1.0000
CMYK	0.00, 0.44, 1.00, 0.20
HSL	34°, 100%, 40%
HSV	34°, 100%, 80%
XYZ	31.0326, 25.0988, 3.2090
YIQ	128.5010, 89.9590, -16.8970

# Conversions

## Conversions Part 2

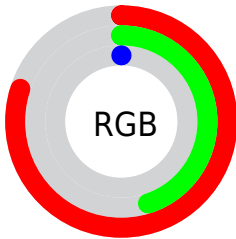
Format	Color
<b>RYB</b>	158, 204, 0
Decimal	13398784
CIELab	57.17, 28.90, 64.38
CIELCh	57, 70.569, 65.825
Yxy	25.0988, 0.5230, 0.4230
Android (android.graphics.Color)	4291588864 (0xFFCC7300)
YUV	128.5010, -63.3510, 66.2126
Hunter-Lab	50.0987, 22.8951, 31.2714

# Details

The Decimal color **13398784** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **22988**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16754755**, and **9388544** is the 20% darker color. If you saturate the color by 10%, you get **13398784**, and if you desaturate by 10%, it is **13401108**.

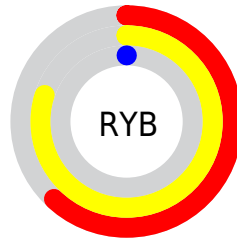
# Distribution



Red (80%)

Green (45%)

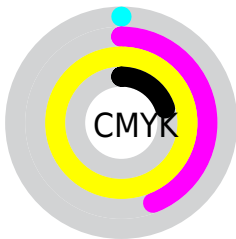
Blue (0%)



Red (62%)

Yellow (80%)

Blue (0%)

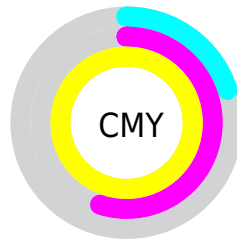


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (55%)













Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13398784 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 13398784 by changing the saturation by 10% instead.



 13398784	 13398784
16777215	 11360768
 16754755	 9388544
 16761694	 7416320
 16768889	 5509888
 16776340	 3735552
 16777136	 1966081
 16777164	 0
 16777193	
 13398784	

 13401108

 13403433

 13405757

 13408082

 13410406

 13412474

 13414799

 13417123

 13419448

# Harmonies

## Analogous

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



15554116



13398784



10127872

# Triad

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



13398784



42388



9991150

# Complementary

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



13398784



22988

# 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.



36351



13398784



42192

# Square

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



13398784



41556



40442



14374077

# Rectangle

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



13398784



7443712



40442



7568889



# Sweetspot

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



13398784



16768691



13369436



8416082



0



8421504



# Same Dimension

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



13398784



16748544



12766208



6709852



10902784



2496000



# Inverse Universe

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



22988



28671



655564



6053990



18598



4390



# Previews

## White Background



This preview shows how the Decimal color 13398784 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 13398784 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 × Fail

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



## Decimal 13398784 Background



This preview shows how black text looks on a background with the Decimal color 13398784.



This preview shows how white text looks on a background with the Decimal color 13398784.

# 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



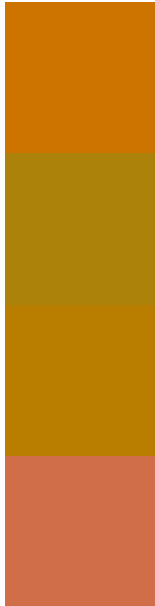
**Original Color**  
13398784

**Protanopia**  
10193424

**Deuteranopia**  
11436800



# Trichromacy



**Original Color**  
13398784

**Protanomaly**  
11371018

**Deuteranomaly**  
12156160

**Tritanomaly**  
13594185

# Monochromacy



**Original Color**  
13398784

**Achromatopsia**  
8487297

**Achromatomaly**  
10255442

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13398784 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 #CC7300 looks like.

```
.text, #text, p{  
    color:#CC7300  
}
```

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 #CC7300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7300
}
```

## Border

The CSS property to change the border of an element to Decimal 13398784 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
#CC7300 }
```

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

```
.border{ border-color:#CC7300 }
```

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

Here you see how a box with a 4 pixel #CC7300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7300; -webkit-box-shadow:4px 4px  
4px 4px #CC7300; box-shadow:4px 4px 4px  
4px #CC7300 }
```

# Background

The CSS property to change the background color of an element to Decimal 13398784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7300 }
```

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

```
.background{ background-color:#CC7300 }
```

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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