

# Converting Colors

Decimal(12685587)

Have a look what the booklet for  
Decimal(12685587) contains.

<b>Decimal(12685587)</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(12685587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C19113
RGB	193, 145, 19
RGB Percent	76%, 57%, 7%
CMY	0.2431, 0.4314, 0.9255
CMYK	0.00, 0.25, 0.90, 0.24
HSL	43°, 82%, 42%
HSV	43°, 90%, 76%
XYZ	32.2353, 31.6353, 5.0233
YIQ	144.9880, 69.0540, -29.0100

# Conversions

## Conversions Part 2

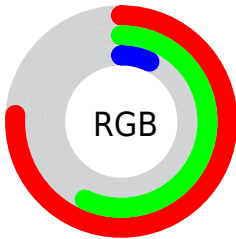
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 193, 19
Decimal	12685587
CIELab	63.04, 7.99, 64.55
CIELCh	63, 65.039, 82.939
Yxy	31.6353, 0.4679, 0.4592
Android (android.graphics.Color)	4290875667 (0xFFC19113)
YUV	144.9880, -62.1121, 42.1065
Hunter-Lab	56.2452, 3.8727, 34.0764

# Details

The Decimal color **12685587** 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 **1262529**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **16697168**, and **8806144** is the 20% darker color. If you saturate the color by 10%, you get **12684288**, and if you desaturate by 10%, it is **12686886**.

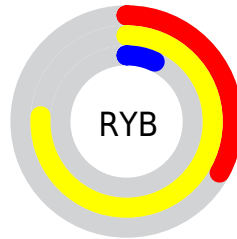
# Distribution



Red (76%)

Green (57%)

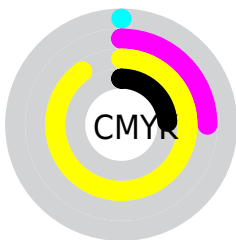
Blue (7%)



Red (33%)

Yellow (76%)

Blue (7%)

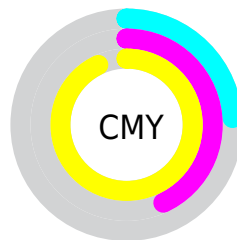


Cyan (0%)

Magenta (25%)

Yellow (90%)

Black (24%)



Cyan (24%)

Magenta (43%)



















Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12685587 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 12685587 by changing the saturation by 10% instead.



 12685587	 12685587
16777215	 10713088
 16697168	 8806144
 16769643	 6965248
 16777094	 5124352
 16777122	 3415296
 16777150	 1836032
 16777179	 0
 16777208	
 12685587	 12685587

■ 12684288

■ 12686886

■ 12688442

■ 12689741

■ 12691040

■ 12692595

■ 12693895

■ 12695194

■ 12696749

■ 12698049

# Harmonies

## Analogous

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



15366716



12685587



9085726

# Triad

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



12685587



46276



13727199

# Complementary

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



12685587



1262529

# 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.



8294399



12685587



45044

# Square

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



12685587



45960



41983



16343465

# Rectangle

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



12685587



6073149



41983



12287726

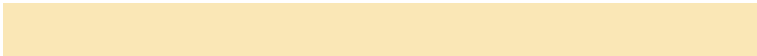


# Sweetspot

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



12685587



16443318



12653380



8221269



16579836



8224125



# Same Dimension

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



12685587



16430336



10207507



6381143



10580992



2168832



# Inverse Universe

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



1262529



17914



3740609



5724769



11425



2337



# Previews

## White Background



This preview shows how the Decimal color 12685587 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 12685587 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 12685587 Background



This preview shows how black text looks on a background with the Decimal color 12685587.



This preview shows how white text looks on a background with the Decimal color 12685587.

# 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**


12685587

**Protanopia**

11311382

**Deuteranopia**

12685587



**Tritanopia**  
13141905

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12685587 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 #C19113 looks like.

```
.text, #text, p{  
    color:#C19113  
}
```

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 #C19113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19113
}
```

## Border

The CSS property to change the border of an element to Decimal 12685587 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
#C19113 }
```

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

```
.border{ border-color:#C19113 }
```

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

Here you see how a box with a 4 pixel #C19113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19113; -webkit-box-shadow:4px 4px  
4px 4px #C19113; box-shadow:4px 4px 4px  
4px #C19113 }
```

# Background

The CSS property to change the background color of an element to Decimal 12685587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19113 }
```

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

```
.background{ background-color:#C19113 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor