

# Converting Colors

Decimal(13999473)

Have a look what the booklet for  
Decimal(13999473) contains.

<b>Decimal(13999473)</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(13999473)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D59D71
RGB	213, 157, 113
RGB Percent	84%, 62%, 44%
CMY	0.1647, 0.3843, 0.5569
CMYK	0.00, 0.26, 0.47, 0.16
HSL	26°, 54%, 64%
HSV	26°, 47%, 84%
XYZ	42.4782, 39.4523, 20.9990
YIQ	168.7280, 47.5000, -1.8120

# Conversions

## Conversions Part 2

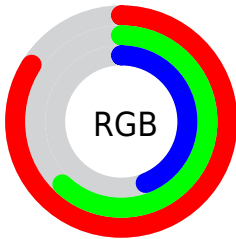
Format	Color
<a href="#">RYB</a>	<a href="#">213, 192, 113</a>
Decimal	<a href="#">13999473</a>
CIELab	<a href="#">69.08, 15.56, 31.13</a>
CIElCh	<a href="#">69, 34.807, 63.440</a>
Yxy	<a href="#">39.4523, 0.4127, 0.3833</a>
Android (android.graphics.Color)	<a href="#">4292189553</a> ( <a href="#">0xFFD59D71</a> )
YUV	<a href="#">168.7280, -27.4739, 38.8265</a>
Hunter-Lab	<a href="#">62.8111, 10.7974, 24.1459</a>

# Details

The Decimal color **13999473** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7449045**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16766117**, and **10250816** is the 20% darker color. If you saturate the color by 10%, you get **13996380**, and if you desaturate by 10%, it is **14002566**.

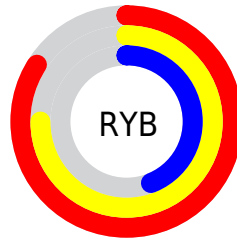
# Distribution



Red (84%)

Green (62%)

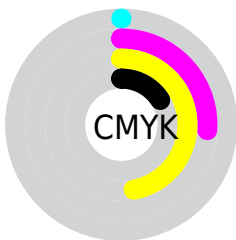
Blue (44%)



Red (84%)

Yellow (75%)

Blue (44%)

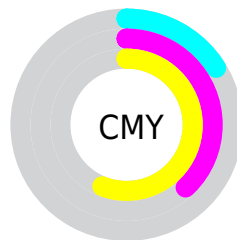


Cyan (0%)

Magenta (26%)

Yellow (47%)

Black (16%)



Cyan (16%)

Magenta (38%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13999473 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 13999473 by changing the saturation by 10% instead.



 13999473

 13999473

16777215

 12092248

 16766117

 10250816

 16773313

 8409385

 16777181

 6634003

 16777209

 4924416

 3215360

 1572865

 0

 13999473

 13999473

13996380

14002566

13993286

14005660

13990193

14008753

13987100

14011846

13984006

14014939

13983232

14018033

14020863

14023935

14024703

# Harmonies

## Analogous

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



15045767



13999473



12232809

# Triad

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



13999473



5028523



11640797

# Complementary

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



13999473



7449045

# 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.



8563431



13999473



3389642

# Square

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



13999473



7583627



5223392



13931973

# Rectangle

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



13999473



10792558



5223392



10724322

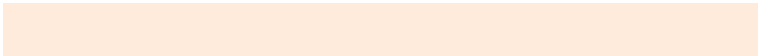


# Sweetspot

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



13999473



16772059



13988266



8418154



0



8421504



# Same Dimension

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



13999473



16756592



14012017



7038304



11225856



2822912

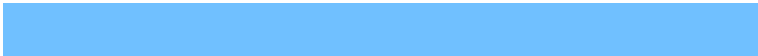


# Inverse Universe

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



7449045



7389439



7436501



6317675



24747



6187



# Previews

## White Background



This preview shows how the Decimal color 13999473 looks on a white background.

## Color Contrast Check

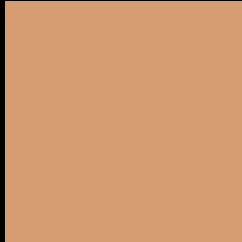
Large Text (above 18pt) WCAG AA × Fail

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 13999473 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

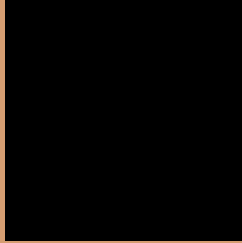
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13999473 Background



This preview shows how black text looks on a background with the Decimal color 13999473.




This preview shows how white text looks on a background with the Decimal color 13999473.

# 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





**Tritanopia**  
14260130

# Trichromacy



**Original Color**  
13999473

**Protanomaly**  
12690804

**Deuteranomaly**  
13607024

**Tritanomaly**  
14195088

# Monochromacy



**Original Color**  
13999473

**Achromatopsia**  
11119017

**Achromatomaly**  
12166549

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13999473 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 #D59D71 looks like.

```
.text, #text, p{  
    color:#D59D71  
}
```

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 #D59D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59D71
}
```

## Border

The CSS property to change the border of an element to Decimal 13999473 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
#D59D71 }
```

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

```
.border{ border-color:#D59D71 }
```

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

Here you see how a box with a 4 pixel #D59D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59D71; -webkit-box-shadow:4px 4px  
4px 4px #D59D71; box-shadow:4px 4px 4px  
4px #D59D71 }
```

# Background

The CSS property to change the background color of an element to Decimal 13999473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59D71 }
```

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

```
.background{ background-color:#D59D71 }
```

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