

# Converting Colors

Decimal(14007874)

Have a look what the booklet for  
Decimal(14007874) contains.

<b>Decimal(14007874)</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(14007874)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5BE42
RGB	213, 190, 66
RGB Percent	84%, 75%, 26%
CMY	0.1647, 0.2549, 0.7412
CMYK	0.00, 0.11, 0.69, 0.16
HSL	51°, 64%, 55%
HSV	51°, 69%, 84%
XYZ	46.8374, 51.3664, 12.6004
YIQ	182.7410, 53.5120, -33.6880

# Conversions

## Conversions Part 2

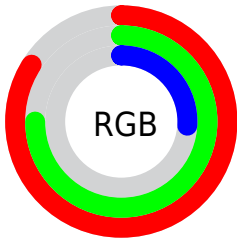
Format	Color
<a href="#">RYB</a>	<a href="#">93, 213, 66</a>
Decimal	<a href="#">14007874</a>
<a href="#">CIELab</a>	<a href="#">76.90, -5.50, 62.71</a>
<a href="#">CIElCh</a>	<a href="#">77, 62.951, 95.014</a>
<a href="#">Yxy</a>	<a href="#">51.3664, 0.4227, 0.4636</a>
Android (android.graphics.Color)	<a href="#">4292197954</a> ( <a href="#">0xFFD5BE42</a> )
<a href="#">YUV</a>	<a href="#">182.7410, -57.5533, 26.5371</a>
<a href="#">Hunter-Lab</a>	<a href="#">71.6704, -8.7713, 39.7455</a>

# Details

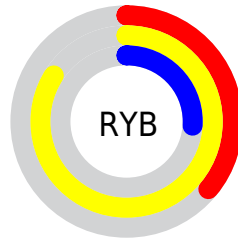
The Decimal color **14007874** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted orange. A complement of this color would be **4348373**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16774777**, and **10193152** is the 20% darker color. If you saturate the color by 10%, you get **14007085**, and if you desaturate by 10%, it is **14008663**.

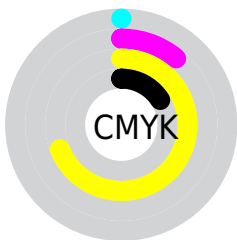
# Distribution



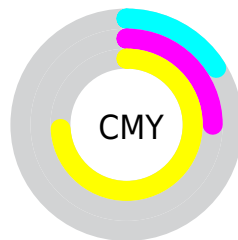
- Red (84%)
- Green (75%)
- Blue (26%)



- Red (36%)
- Yellow (84%)
- Blue (26%)



- Cyan (0%)
- Magenta (11%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14007874 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 14007874 by changing the saturation by 10% instead.




 14007874

 14007874

16777215

 12100389

 16774777

 10193152

 16777108

 8286208

 16777136

 6510592

 16777164

 4735232

 16777193

 3025664

 1382144

 0

 14007874

 14007874

■ 14007085

■ 14008663

■ 14006039

■ 14009709

■ 14005250

■ 14010498

■ 14005248

■ 14011287

■ 14012333

■ 14013122

■ 14013911

■ 14014956

■ 14015743

# Harmonies

## Analogous

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



16755027



14007874



10014297

# Triad

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



14007874



55807



16749808

# Complementary

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



14007874



4348373

# 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.



13544191



14007874



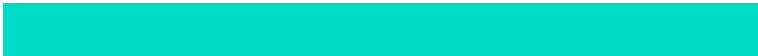
53759

# Square

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



14007874



56262



6078975



16747190

# Rectangle

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



14007874



6607992



6078975



16555007



# Sweetspot

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



14007874



16775113



13976155



8420192



0



8421504



# Same Dimension

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



14007874



16768555



10802498



7039328



11243520



2827520



# Inverse Universe

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



4348373



2837759



7553749



6316651



7083



1835



# Previews

## White Background



This preview shows how the Decimal color 14007874 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 14007874 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 14007874 Background



This preview shows how black text looks on a background with the Decimal color 14007874.



This preview shows how white text looks on a background with the Decimal color 14007874.

# 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**  
14007874

**Protanopia**  
13942338

**Deuteranopia**  
15578181



**Tritanopia**  
14660288

# Trichromacy



**Original Color**  
14007874

**Protanomaly**  
13942338

**Deuteranomaly**  
14989380

**Tritanomaly**  
14399122

# Monochromacy



**Original Color**  
14007874

**Achromatopsia**  
12040119

**Achromatomaly**  
12761740

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14007874 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 #D5BE42 looks like.

```
.text, #text, p{  
  color:#D5BE42  
}
```

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 #D5BE42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5BE42
}
```

## Border

The CSS property to change the border of an element to Decimal 14007874 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
#D5BE42 }
```

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

```
.border{ border-color:#D5BE42 }
```

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

Here you see how a box with a 4 pixel #D5BE42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5BE42; -webkit-box-shadow:4px 4px  
4px 4px #D5BE42; box-shadow:4px 4px 4px  
4px #D5BE42 }
```

# Background

The CSS property to change the background color of an element to Decimal 14007874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5BE42 }
```

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

```
.background{ background-color:#D5BE42 }
```

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