

# Converting Colors

Decimal(14203973)

Have a look what the booklet for  
Decimal(14203973) contains.

<b>Decimal(14203973)</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(14203973)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8BC45
RGB	216, 188, 69
RGB Percent	85%, 74%, 27%
CMY	0.1529, 0.2627, 0.7294
CMYK	0.00, 0.13, 0.68, 0.15
HSL	49°, 65%, 56%
HSV	49°, 68%, 85%
XYZ	47.3763, 50.9950, 12.9763
YIQ	182.8060, 54.8870, -31.0730

# Conversions

## Conversions Part 2

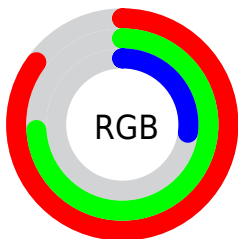
Format	Color
<a href="#">RYB</a>	<a href="#">104, 216, 69</a>
Decimal	<a href="#">14203973</a>
<a href="#">CIELab</a>	<a href="#">76.68, -3.03, 61.36</a>
<a href="#">CIELCh</a>	<a href="#">77, 61.439, 92.823</a>
<a href="#">Yxy</a>	<a href="#">50.9950, 0.4255, 0.4580</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292394053 (0xFFD8BC45)</a>
<a href="#">YUV</a>	<a href="#">182.8060, -56.1064, 29.1111</a>
<a href="#">Hunter-Lab</a>	<a href="#">71.4108, -6.5461, 39.2138</a>

# Details

The Decimal color **14203973** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4547032**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16774267**, and **10389248** is the 20% darker color. If you saturate the color by 10%, you get **14202927**, and if you desaturate by 10%, it is **14205019**.

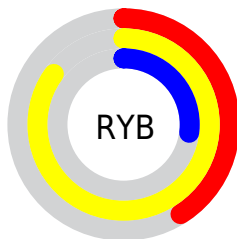
# Distribution



Red (85%)

Green (74%)

Blue (27%)



Red (41%)

Yellow (85%)

Blue (27%)

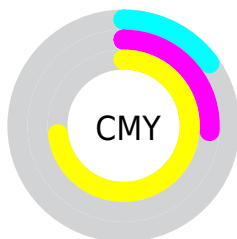


Cyan (0%)

Magenta (13%)

Yellow (68%)

Black (15%)



Cyan (15%)

Magenta (26%)


















Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14203973 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 14203973 by changing the saturation by 10% instead.



 14203973	 14203973
16777215	 12296489
 16774267	 10389248
 16777110	 8482304
 16777138	 6706688
 16777167	 4865792
 16777196	 3221760
	 1578496
	 0
 14203973	 14203973

■ 14202927

■ 14205019

■ 14201882

■ 14206064

■ 14200836

■ 14207110

■ 14200576

■ 14208155

■ 14209457

■ 14210503

■ 14211548

■ 14212594

■ 14213631

# Harmonies

## Analogous

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



16754519



14203973



10407001

# Triad

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



14203973



55545



16750322

# Complementary

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



14203973



4547032

# 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.



13085951



14203973



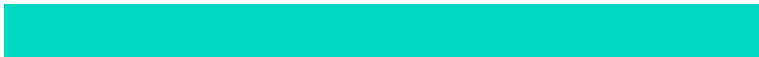
53759

# Square

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



14203973



55745



5554943



16747450

# Rectangle

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



14203973



7197558



5554943



16162303



# Sweetspot

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



14203973



16774604



14173538



8419937



0



8421504



# Same Dimension

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



14203973



16766766



11327557



7039328



11241984



2827008



# Inverse Universe

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



4547032



3036927



7423448



6316651



8619



2091



# Previews

## White Background



This preview shows how the Decimal color 14203973 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 14203973 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 14203973 Background



This preview shows how black text looks on a background with the Decimal color 14203973.

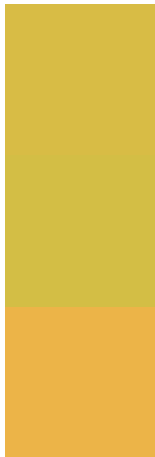


This preview shows how white text looks on a background with the Decimal color 14203973.

# 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**  
14203973

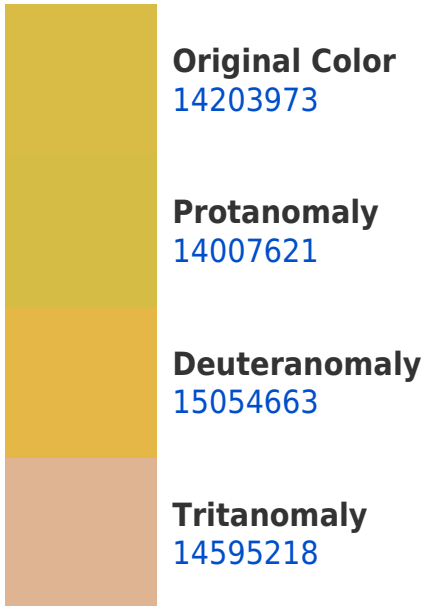
**Protanopia**  
13876805

**Deuteranopia**  
15512648



**Tritanopia**  
14856382

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14203973 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 #D8BC45 looks like.

```
.text, #text, p{  
  color:#D8BC45  
}
```

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 #D8BC45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8BC45
}
```

## Border

The CSS property to change the border of an element to Decimal 14203973 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
#D8BC45 }
```

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

```
.border{ border-color:#D8BC45 }
```

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

Here you see how a box with a 4 pixel #D8BC45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8BC45; -webkit-box-shadow:4px 4px  
4px 4px #D8BC45; box-shadow:4px 4px 4px  
4px #D8BC45 }
```

# Background

The CSS property to change the background color of an element to Decimal 14203973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8BC45 }
```

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

```
.background{ background-color:#D8BC45 }
```

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