

# Converting Colors

Decimal(14263859)

Have a look what the booklet for  
Decimal(14263859) contains.

<b>Decimal(14263859)</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(14263859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9A633
RGB	217, 166, 51
RGB Percent	85%, 65%, 20%
CMY	0.1490, 0.3490, 0.8000
CMYK	0.00, 0.24, 0.76, 0.15
HSL	42°, 69%, 53%
HSV	42°, 76%, 85%
XYZ	42.8490, 42.2632, 9.0312
YIQ	168.1390, 67.3110, -24.9530

# Conversions

## Conversions Part 2

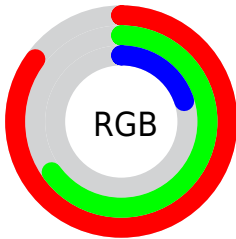
Format	Color
<a href="#">RYB</a>	<a href="#">125, 217, 51</a>
Decimal	<a href="#">14263859</a>
CIELab	<a href="#">71.05, 8.16, 62.87</a>
CIELCh	<a href="#">71, 63.396, 82.602</a>
Yxy	<a href="#">42.2632, 0.4551, 0.4489</a>
Android (android.graphics.Color)	<a href="#">4292453939</a> ( <a href="#">0xFFD9A633</a> )
YUV	<a href="#">168.1390, -57.7495, 42.8511</a>
Hunter-Lab	<a href="#">65.0101, 3.8840, 37.2705</a>

# Details

The Decimal color **14263859** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3368665**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16768362**, and **10383872** is the 20% darker color. If you saturate the color by 10%, you get **14262045**, and if you desaturate by 10%, it is **14265673**.

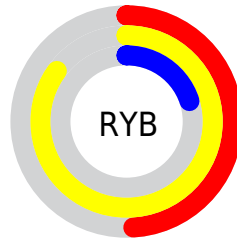
# Distribution



Red (85%)

Green (65%)

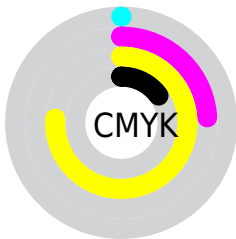
Blue (20%)



Red (49%)

Yellow (85%)

Blue (20%)

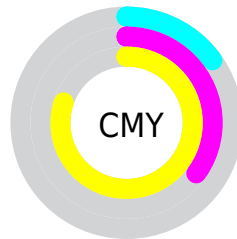


Cyan (0%)

Magenta (24%)

Yellow (76%)

Black (15%)



Cyan (15%)

Magenta (35%)



















Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14263859 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 14263859 by changing the saturation by 10% instead.



 14263859	 14263859
16777215	 12291090
 16768362	 10383872
 16775557	 8477184
 16777120	 6636288
 16777148	 4795648
 16777177	 3086592
 16777206	 1441792
	 0
 14263859	 14263859

■ 14262045

■ 14265673

■ 14260488

■ 14267230

■ 14259712

■ 14269044

■ 14270858

■ 14272416

■ 14274229

■ 14276043

■ 14277601

■ 14279414

# Harmonies

## Analogous

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



16748371



14263859



10663994

# Triad

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



14263859



51929



15109365

# Complementary

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



14263859



3368665

# 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.



9872895



14263859



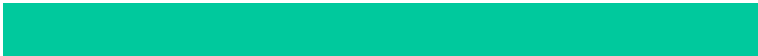
50687

# Square

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



14263859



51613



47615



16743103

# Rectangle

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



14263859



7716948



47615



13735167



# Sweetspot

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



14263859



16772548



14234472



8418652



0



8421504



# Same Dimension

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



14263859



16758548



12310835



7236195



11368448



3022848



# Inverse Universe

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



3368665



1334527



5321689



6514286



13741



3630



# Previews

## White Background



This preview shows how the Decimal color 14263859 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 14263859 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 14263859 Background



This preview shows how black text looks on a background with the Decimal color 14263859.

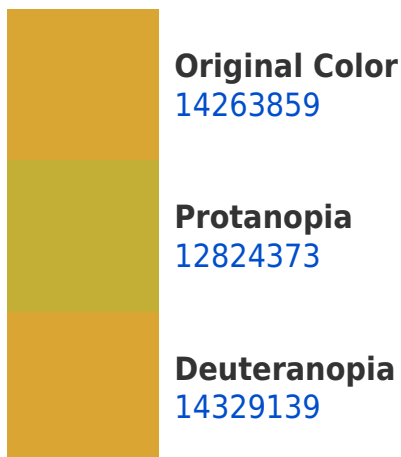


This preview shows how white text looks on a background with the Decimal color 14263859.

# 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**  
14785447

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14263859 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 #D9A633 looks like.

```
.text, #text, p{  
  color:#D9A633  
}
```

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 #D9A633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9A633
}
```

## Border

The CSS property to change the border of an element to Decimal 14263859 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
#D9A633 }
```

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

```
.border{ border-color:#D9A633 }
```

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

Here you see how a box with a 4 pixel #D9A633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9A633; -webkit-box-shadow:4px 4px  
4px 4px #D9A633; box-shadow:4px 4px 4px  
4px #D9A633 }
```

# Background

The CSS property to change the background color of an element to Decimal 14263859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9A633 }
```

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

```
.background{ background-color:#D9A633 }
```

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