

# Converting Colors

Decimal(14986273)

Have a look what the booklet for  
Decimal(14986273) contains.

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# **Color**

**Decimal(14986273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4AC21
RGB	228, 172, 33
RGB Percent	89%, 67%, 13%
CMY	0.1059, 0.3255, 0.8706
CMYK	0.00, 0.25, 0.86, 0.11
HSL	43°, 78%, 51%
HSV	43°, 86%, 89%
XYZ	47.0219, 46.1088, 7.8604
YIQ	172.8980, 77.9950, -31.3570

# Conversions

## Conversions Part 2

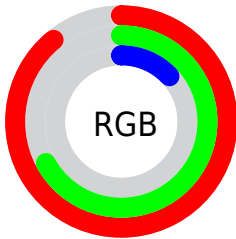
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 228, 33
Decimal	14986273
CIELab	73.62, 9.17, 71.23
CIELCh	74, 71.822, 82.662
Yxy	46.1088, 0.4656, 0.4566
Android (android.graphics.Color)	4293176353 (0xFFE4AC21)
YUV	172.8980, -68.9697, 48.3245
Hunter-Lab	67.9035, 4.7769, 40.6691

# Details

The Decimal color **14986273** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2185700**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16769885**, and **10975232** is the 20% darker color. If you saturate the color by 10%, you get **14984458**, and if you desaturate by 10%, it is **14988088**.

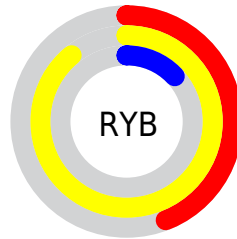
# Distribution



Red (89%)

Green (67%)

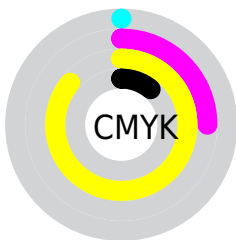
Blue (13%)



Red (44%)

Yellow (89%)

Blue (13%)

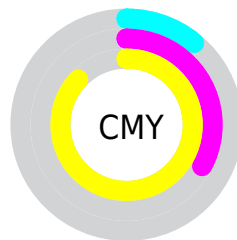


Cyan (0%)

Magenta (25%)

Yellow (86%)

Black (11%)



Cyan (11%)

Magenta (33%)




















Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14986273 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 14986273 by changing the saturation by 10% instead.



 14986273	 14986273
 16777215	 12947968
 16769885	 10975232
 16777081	 9068544
 16777109	 7161856
 16777137	 5321216
 16777166	 3546368
 16777195	 2032896
	 0
 14986273	 14986273

■ 14984458

■ 14988088

■ 14983936

■ 14989647

■ 14991461

■ 14993020

■ 14994835

■ 14996394

■ 14998209

■ 14999767

■ 15001582

# Harmonies

## Analogous

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



16748876



14986273



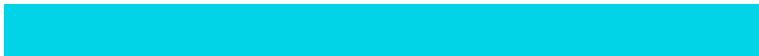
10928171

# Triad

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



14986273



54502



16092671

# Complementary

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



14986273



2185700

# 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.



9939711



14986273



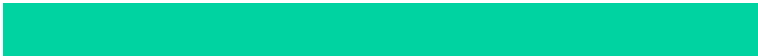
53247

# Square

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



14986273



54178



49663



16742344

# Rectangle

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



14986273



7522893



49663



14456831

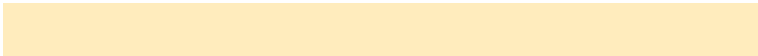


# Sweetspot

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



14986273



16772285



14950748



8418392



0



8421504



# Same Dimension

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



14986273



16758272



12444705



7565159



11763456



3351552



# Inverse Universe

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



2185700



18943



4727268



6777715



13235



3891



# Previews

## White Background



This preview shows how the Decimal color 14986273 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 14986273 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 14986273 Background



This preview shows how black text looks on a background with the Decimal color 14986273.



This preview shows how white text looks on a background with the Decimal color 14986273.

# 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**  
14986273

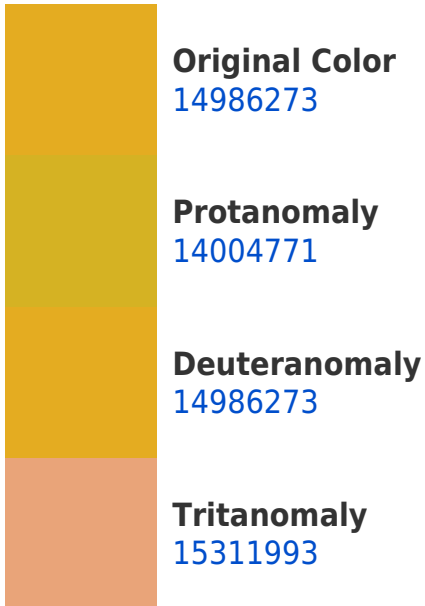
**Protanopia**  
13415972

**Deuteranopia**  
14986273



**Tritanopia**  
15507628

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14986273 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 #E4AC21 looks like.

```
.text, #text, p{  
    color:#E4AC21  
}
```

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 #E4AC21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4AC21
}
```

## Border

The CSS property to change the border of an element to Decimal 14986273 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
#E4AC21 }
```

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

```
.border{ border-color:#E4AC21 }
```

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

Here you see how a box with a 4 pixel #E4AC21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4AC21; -webkit-box-shadow:4px 4px  
4px 4px #E4AC21; box-shadow:4px 4px 4px  
4px #E4AC21 }
```

# Background

The CSS property to change the background color of an element to Decimal 14986273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4AC21 }
```

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

```
.background{ background-color:#E4AC21 }
```

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](#).



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