

# Converting Colors

Decimal(14109696)

Have a look what the booklet for  
Decimal(14109696) contains.

<b>Decimal(14109696)</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(14109696)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D74C00
RGB	215, 76, 0
RGB Percent	84%, 30%, 0%
CMY	0.1569, 0.7020, 1.0000
CMYK	0.00, 0.65, 1.00, 0.16
HSL	21°, 100%, 42%
HSV	21°, 100%, 84%
XYZ	30.6088, 19.6160, 2.1730
YIQ	108.8970, 107.2400, 5.8320

# Conversions

## Conversions Part 2

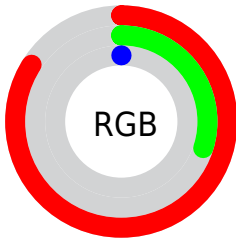
Format	Color
<a href="#">RYB</a>	<a href="#">215, 118, 0</a>
Decimal	<a href="#">14109696</a>
CIELab	<a href="#">51.40, 52.20, 61.96</a>
CIELCh	<a href="#">51, 81.017, 49.885</a>
Yxy	<a href="#">19.6160, 0.5842, 0.3744</a>
Android (android.graphics.Color)	<a href="#">4292299776</a> ( <a href="#">0xFFD74C00</a> )
YUV	<a href="#">108.8970, -53.6862, 93.0523</a>
Hunter-Lab	<a href="#">44.2899, 45.8541, 28.0940</a>

# Details

The Decimal color **14109696** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **35799**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **16745021**, and **9899008** is the 20% darker color. If you saturate the color by 10%, you get **14109696**, and if you desaturate by 10%, it is **14113301**.

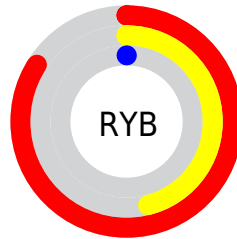
# Distribution



Red (84%)

Green (30%)

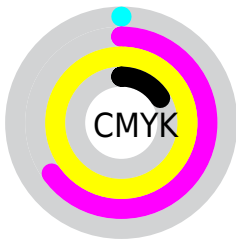
Blue (0%)



Red (84%)

Yellow (46%)

Blue (0%)

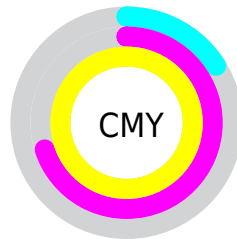


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (70%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14109696 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 14109696 by changing the saturation by 10% instead.



 14109696	 14109696
 16777212	 12005376
 16745021	 9899008
 16752215	 7864320
 16759409	 5898240
 16766860	 4063234
 16774311	 1900545
 16777155	 0
 16777183	
 14109696	

 14113301

 14116907

 14120513

 14124118

 14127724

 14131073

 14134679

 14138284

 14141890

# Harmonies

## Analogous

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



15669072



14109696



11038464

# Triad

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



14109696



38496



1471487

# Complementary

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



14109696



35799

# 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.



35583



14109696



39080

# Square

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



14109696



37129



38372



11750613

# Rectangle

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



14109696



8421120



38372



31999



# Sweetspot

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



14109696



16764595



14090380



8413778



0



8421504



# Same Dimension

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



14109696



16734720



14137088



7038048



11222016



2821888

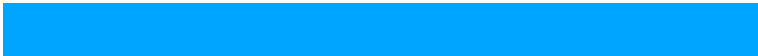


# Inverse Universe

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



35799



42495



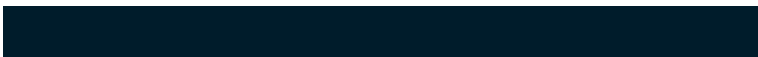
8407



6317931



28331



7211



# Previews

## White Background



This preview shows how the Decimal color 14109696 looks on a white background.

## Color Contrast Check

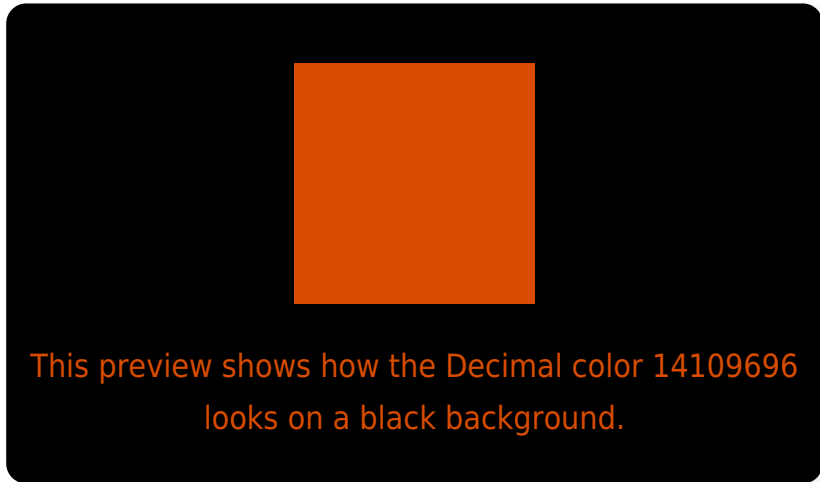
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

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



## Decimal 14109696 Background



This preview shows how black text looks on a background with the Decimal color 14109696.



This preview shows how white text looks on a background with the Decimal color 14109696.

# 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



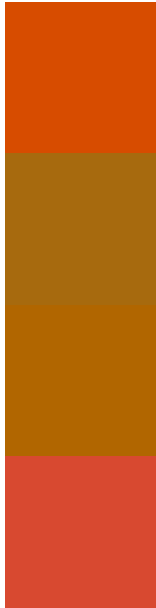
**Original Color**  
14109696

**Protanopia**  
9141014

**Deuteranopia**  
10188032



# Trichromacy



**Original Color**  
14109696

**Protanomaly**  
10971662

**Deuteranomaly**  
11625984

**Tritanomaly**  
14174512

# Monochromacy



**Original Color**  
14109696

**Achromatopsia**  
7171437

**Achromatomaly**  
9724229

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14109696 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 #D74C00 looks like.

```
.text, #text, p{  
  color:#D74C00  
}
```

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 #D74C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D74C00
}
```

## Border

The CSS property to change the border of an element to Decimal 14109696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

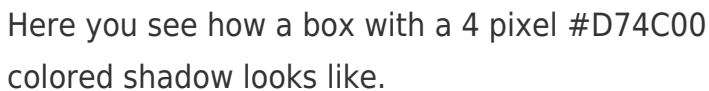
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D74C00 }
```

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

```
.border{ border-color:#D74C00 }
```

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



Here you see how a box with a 4 pixel #D74C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D74C00; -webkit-box-shadow:4px 4px  
4px 4px #D74C00; box-shadow:4px 4px 4px  
4px #D74C00 }
```

# Background

The CSS property to change the background color of an element to Decimal 14109696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D74C00 }
```

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

```
.background{ background-color:#D74C00 }
```

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