

Converting Colors

Decimal(14449211)

Have a look what the booklet for
Decimal(14449211) contains.

Decimal(14449211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(14449211)

Conversions

Conversions Part 1

Format	Color
Hex	DC7A3B
RGB	220, 122, 59
RGB Percent	86%, 48%, 23%
CMY	0.1373, 0.5216, 0.7686
CMYK	0.00, 0.45, 0.73, 0.14
HSL	23°, 70%, 55%
HSV	23°, 73%, 86%
XYZ	37.2642, 29.4505, 7.8581
YIQ	144.1200, 78.6310, 1.1830

Conversions

Conversions Part 2

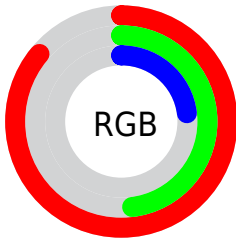
Format	Color
R _Y B	220, 163, 59
Decimal	14449211
CIE Lab	61.18, 33.29, 49.80
CIE LCh	61, 59.898, 56.236
Yxy	29.4505, 0.4997, 0.3949
Android (android.graphics.Color)	4292639291 (0xFFDC7A3B)
YUV	144.1200, -41.9642, 66.5468
Hunter-Lab	54.2683, 27.6002, 29.4025

Details

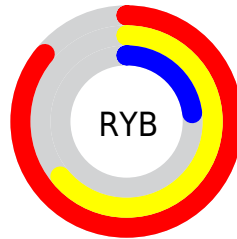
The Decimal color **14449211** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3907036**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16756589**, and **10438661** is the 20% darker color. If you saturate the color by 10%, you get **14445861**, and if you desaturate by 10%, it is **14452561**.

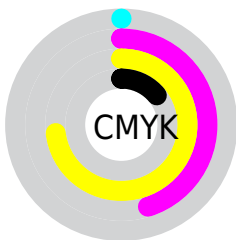
Distribution



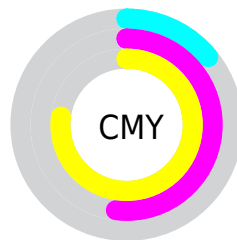
- Red (86%)
- Green (48%)
- Blue (23%)



- Red (86%)
- Yellow (64%)
- Blue (23%)



- Cyan (0%)
- Magenta (45%)
- Yellow (73%)
- Black (14%)



- Cyan (14%)
- Magenta (52%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14449211 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 14449211 by changing the saturation by 10% instead.

 14449211	 14449211
 16777215	 12410914
 16756589	 10438661
 16763784	 8531712
 16771234	 6559488
 16777150	 4718592
 16777178	 3080193
 16777207	 0
 14449211	 14449211
 14445861	 14452561

 14442255

 14456167

 14439936

 14459517

 14463123

 14466473

 14469823

 14473429

 14476779

 14480383

Harmonies

Analogous

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



15886184



14449211



11898654

Triad

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



14449211



44171



8947955

Complementary

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



14449211



3907036

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.



40189



14449211



44481

Square

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



14449211



3647574



43243



13464015

Rectangle

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



14449211



9738785



43243



6590714

Sweetspot

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



14449211



16768455



14433182



8416094



0



8421504

Same Dimension

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



14449211



16741919



14469435



7235427



11355136



3019264

Inverse Universe

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



3907036



2074623



3886812



6515054



27309



7214

Previews

White Background



This preview shows how the Decimal color 14449211 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



This preview shows how the Decimal color 14449211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

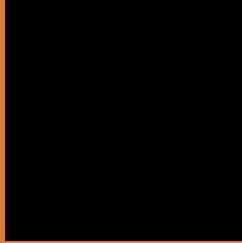
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 14449211 Background



This preview shows how black text looks on a background with the Decimal color 14449211.



This preview shows how white text looks on a background with the Decimal color 14449211.

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
14449211

Protanopia
10785859

Deuteranopia
12160310



Tritanopia
14644091

Trichromacy



Original Color
14449211

Protanomaly
12094272

Deuteranomaly
13010488

Tritanomaly
14579300

Monochromacy



Original Color
14449211

Achromatopsia
9474192

Achromatomaly
11307121

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14449211 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 #DC7A3B looks like.

```
.text, #text, p{  
  color:#DC7A3B  
}
```

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 #DC7A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7A3B
}
```

Border

The CSS property to change the border of an element to Decimal 14449211 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
#DC7A3B }
```

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

```
.border{ border-color:#DC7A3B }
```

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

Here you see how a box with a 4 pixel #DC7A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7A3B; -webkit-box-shadow:4px 4px  
4px 4px #DC7A3B; box-shadow:4px 4px 4px  
4px #DC7A3B }
```

Background

The CSS property to change the background color of an element to Decimal 14449211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7A3B }
```

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

```
.background{ background-color:#DC7A3B }
```

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