

# Converting Colors

Decimal(14525302)

Have a look what the booklet for  
Decimal(14525302) contains.

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# **Color**

**Decimal(14525302)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDA376
RGB	221, 163, 118
RGB Percent	87%, 64%, 46%
CMY	0.1333, 0.3608, 0.5373
CMYK	0.00, 0.26, 0.47, 0.13
HSL	26°, 60%, 66%
HSV	26°, 47%, 87%
XYZ	46.1860, 42.8745, 22.9809
YIQ	175.2120, 49.0130, -1.6990

# Conversions

## Conversions Part 2

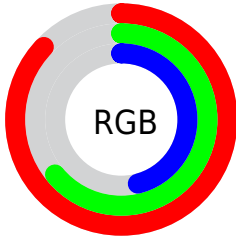
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 198, 118
Decimal	14525302
CIE <sub>Lab</sub>	71.47, 16.07, 31.73
CIE <sub>LCh</sub>	71, 35.568, 63.145
Yxy	42.8745, 0.4122, 0.3827
Android (android.graphics.Color)	4292715382 (0xFFDDA376)
YUV	175.2120, -28.2055, 40.1561
Hunter-Lab	65.4787, 11.3190, 25.0262

# Details

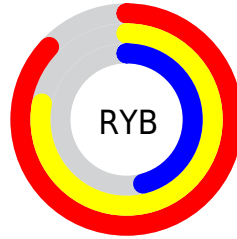
The Decimal color **14525302** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7778525**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16767659**, and **10710853** is the 20% darker color. If you saturate the color by 10%, you get **14522208**, and if you desaturate by 10%, it is **14528396**.

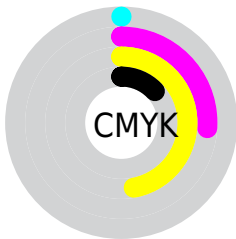
# Distribution



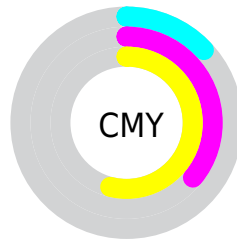
- Red (87%)
- Green (64%)
- Blue (46%)



- Red (87%)
- Yellow (78%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (47%)
- Black (13%)
















- Cyan (13%)
- Magenta (36%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14525302 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 14525302 by changing the saturation by 10% instead.



 14525302	 14525302
16777215	 12618077
 16767659	 10710853
 16774854	 8935214
 16777186	 7094039
	 5384448
	 3675136
	 2162688
	 0

 14525302	 14525302
--	--

 14522208

 14528396

 14518858

 14531746

 14515764

 14534840

 14512414

 14538190

 14509320

 14541285

 14508288

 14544635

 14547711

 14548991

# Harmonies

## Analogous

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



15571597



14525302



12758638

# Triad

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



14525302



5292465



12101093

# Complementary

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



14525302



7778525

# 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.



8892911



14525302



3653585

# Square

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



14525302



7913105



5487336



14392269

# Rectangle

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



14525302



11253106



5487336



11119083

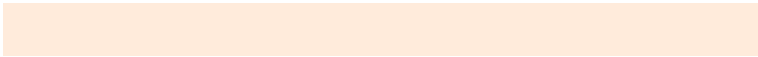


# Sweetspot

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



14525302



16772059



14513840



8418154



0



8421504



# Same Dimension

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



14525302



16756592



14538358



7235427



11357184



3019776

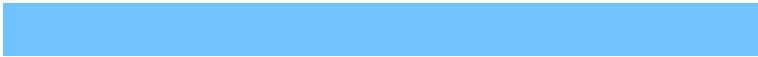


# Inverse Universe

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



7778525



7389695



7765469



6515054



25261



6702



# Previews

## White Background



This preview shows how the Decimal color 14525302 looks on a white background.

## Color Contrast Check

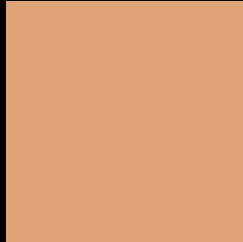
Large Text (above 18pt) WCAG AA × Fail

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 14525302 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

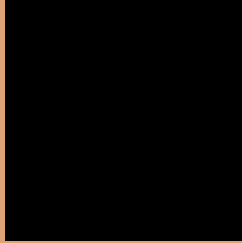
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14525302 Background



This preview shows how black text looks on a background with the Decimal color 14525302.



This preview shows how white text looks on a background with the Decimal color 14525302.

# 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**  
14785704

# Trichromacy



**Original Color**  
14525302

**Protanomaly**  
13216633

**Deuteranomaly**  
14067317

**Tritanomaly**  
14720918

# Monochromacy



**Original Color**  
14525302

**Achromatopsia**  
11513775

**Achromatomaly**  
12626842

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14525302 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 #DDA376 looks like.

```
.text, #text, p{  
    color:#DDA376  
}
```

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 #DDA376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDA376
}
```

## Border

The CSS property to change the border of an element to Decimal 14525302 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
#DDA376 }
```

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

```
.border{ border-color:#DDA376 }
```

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

Here you see how a box with a 4 pixel #DDA376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDA376; -webkit-box-shadow:4px 4px  
4px 4px #DDA376; box-shadow:4px 4px 4px  
4px #DDA376 }
```

# Background

The CSS property to change the background color of an element to Decimal 14525302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDA376 }
```

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

```
.background{ background-color:#DDA376 }
```

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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