

# Converting Colors

Decimal(14386986)

Have a look what the booklet for  
Decimal(14386986) contains.

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# **Color**

**Decimal(14386986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB872A
RGB	219, 135, 42
RGB Percent	86%, 53%, 16%
CMY	0.1412, 0.4706, 0.8353
CMYK	0.00, 0.38, 0.81, 0.14
HSL	32°, 71%, 51%
HSV	32°, 81%, 86%
XYZ	38.2953, 32.5552, 6.4559
YIQ	149.5140, 79.9170, -11.1150

# Conversions

## Conversions Part 2

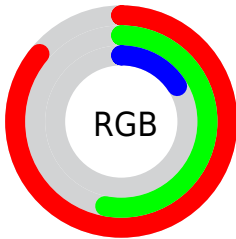
Format	Color
R <sub>YB</sub>	202, 219, 42
Decimal	14386986
CIE Lab	63.80, 25.33, 59.60
CIE LCh	64, 64.757, 66.971
Yxy	32.5552, 0.4954, 0.4211
Android (android.graphics.Color)	4292577066 (0xFFDB872A)
YUV	149.5140, -53.0044, 60.9392
Hunter-Lab	57.0571, 19.9547, 33.2315

# Details

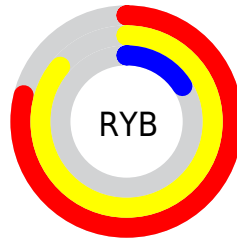
The Decimal color **14386986** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **2784987**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **16760159**, and **10376448** is the 20% darker color. If you saturate the color by 10%, you get **14384404**, and if you desaturate by 10%, it is **14389568**.

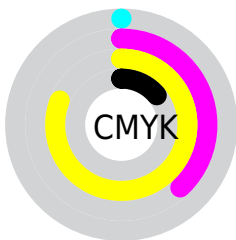
# Distribution



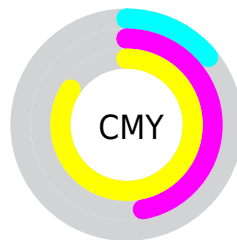
- Red (86%)
- Green (53%)
- Blue (16%)



- Red (79%)
- Yellow (86%)
- Blue (16%)



- Cyan (0%)
- Magenta (38%)
- Yellow (81%)
- Black (14%)



- Cyan (14%)
- Magenta (47%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14386986 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 14386986 by changing the saturation by 10% instead.



 14386986  14386986

16777215  12348680

 16760159  10376448

 16767098  8469760

 16774549  6497792

 16777136  4657152

 16777164  3014656

 16777193  0

 14386986  14386986

 14384404  14389568

14381824

14392406

14394988

14397826

14400407

14402989

14405827

14408409

14411247

# Harmonies

## Analogous

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



16478040



14386986



11246611

# Triad

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



14386986



46759



11437559

# Complementary

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



14386986



2784987

# 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.



2137599



14386986



46303

# Square

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



14386986



45931



44543



15363273

# Rectangle

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



14386986



8693543



44543



9408255

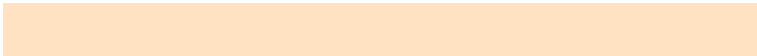


# Sweetspot

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



14386986



16769730



14363264



8416859



0



8421504



# Same Dimension

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



14386986



16747016



14211882



7235683



11361024



3020800



# Inverse Universe

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



2784987



556543



2960091



6514798



21165



5678



# Previews

## White Background



This preview shows how the Decimal color 14386986 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 14386986 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 14386986 Background



This preview shows how black text looks on a background with the Decimal color 14386986.



This preview shows how white text looks on a background with the Decimal color 14386986.

# 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**  
14386986

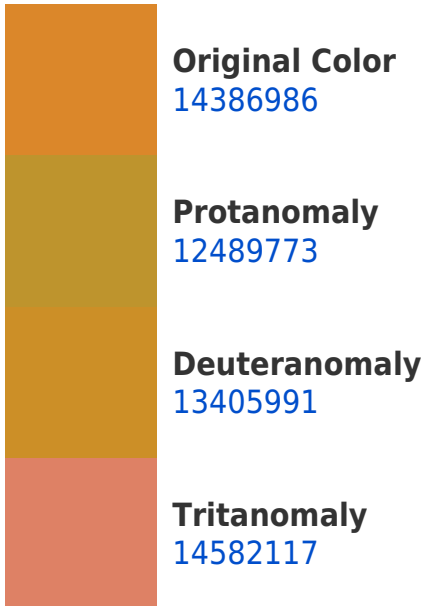
**Protanopia**  
11442991

**Deuteranopia**  
12817189



**Tritanopia**  
14712455

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14386986 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 #DB872A looks like.

```
.text, #text, p{  
    color:#DB872A  
}
```

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 #DB872A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB872A
}
```

## Border

The CSS property to change the border of an element to Decimal 14386986 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
#DB872A }
```

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

```
.border{ border-color:#DB872A }
```

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

Here you see how a box with a 4 pixel #DB872A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB872A; -webkit-box-shadow:4px 4px  
4px 4px #DB872A; box-shadow:4px 4px 4px  
4px #DB872A }
```

# Background

The CSS property to change the background color of an element to Decimal 14386986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB872A }
```

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

```
.background{ background-color:#DB872A }
```

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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