

Converting Colors

Decimal(16749886)

Have a look what the booklet for
Decimal(16749886) contains.

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Color

Decimal(16749886)

Conversions

Conversions Part 1

Format	Color
Hex	FF953E
RGB	255, 149, 62
RGB Percent	100%, 58%, 24%
CMY	0.0000, 0.4157, 0.7569
CMYK	0.00, 0.42, 0.76, 0.00
HSL	27°, 100%, 62%
HSV	27°, 76%, 100%
XYZ	52.8569, 43.1027, 10.0912
YIQ	170.7760, 91.1030, -4.5850

Conversions

Conversions Part 2

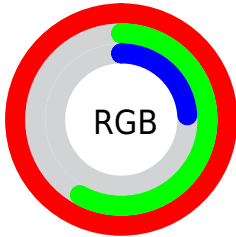
Format	Color
R_{YB}	255, 220, 62
Decimal	16749886
CIE _{Lab}	71.62, 33.48, 60.57
CIE _{LCh}	72, 69.206, 61.067
Yxy	43.1027, 0.4984, 0.4064
Android (android.graphics.Color)	4294939966 (0xFFFF953E)
YUV	170.7760, -53.6266, 73.8644
Hunter-Lab	65.6526, 28.8182, 36.8436

Details

The Decimal color **16749886** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4106495**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16764019**, and **12607744** is the 20% darker color. If you saturate the color by 10%, you get **16746276**, and if you desaturate by 10%, it is **16753496**.

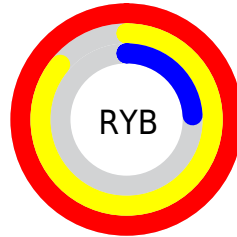
Distribution



Red (100%)

Green (58%)

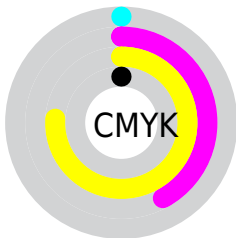
Blue (24%)



Red (100%)

Yellow (86%)

Blue (24%)

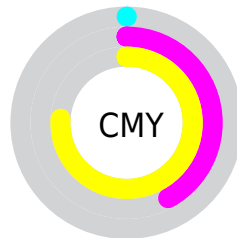


Cyan (0%)

Magenta (42%)

Yellow (76%)

Black (0%)



Cyan (0%)


















Magenta (42%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16749886 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 16749886 by changing the saturation by 10% instead.

 16749886	 16749886
16777215	 14646051
 16764019	 12607744
 16771213	 10635264
 16777129	 8663040
 16777157	 6690560
 16777185	 4784128
	 3145729
	 0
 16749886	 16749886

16746276

16753496

16742667

16757105

16741120

16760715

16764324

16767934

16771543

16775153

16777215

Harmonies

Analogous

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



16743538



16749886



13544735

Triad

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



16749886



52656



11706111

Complementary

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



16749886



4106495

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.



46847



16749886



52719

Square

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



16749886



2017647



50943



16614126

Rectangle

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



16749886



10861099



50943



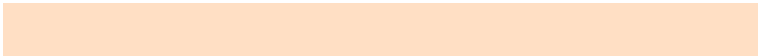
9283583

Sweetspot

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



16749886



16768964



16727720



8416348



0



8421504

Same Dimension

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



16749886



16744471



16774462



8419443



12539392



4201728

Inverse Universe

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



4106495



1545983



4081919



7568000



27071



9024

Previews

White Background



This preview shows how the Decimal color 16749886 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 16749886 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 16749886 Background



This preview shows how black text looks on a background with the Decimal color 16749886.



This preview shows how white text looks on a background with the Decimal color 16749886.

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
16749886

Protanopia
12890182

Deuteranopia
14460728



Tritanopia
16748440

Trichromacy



Original Color
16749886

Protanomaly
14263875

Deuteranomaly
15310906

Tritanomaly
16748919

Monochromacy



Original Color
16749886

Achromatopsia
11250603

Achromatomaly
13280131

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16749886 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 #FF953E looks like.

```
.text, #text, p{  
    color:#FF953E  
}
```

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 #FF953E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF953E
}
```

Border

The CSS property to change the border of an element to Decimal 16749886 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
#FF953E }
```

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

```
.border{ border-color:#FF953E }
```

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

Here you see how a box with a 4 pixel #FF953E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF953E; -webkit-box-shadow:4px 4px  
4px 4px #FF953E; box-shadow:4px 4px 4px  
4px #FF953E }
```

Background

The CSS property to change the background color of an element to Decimal 16749886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF953E }
```

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

```
.background{ background-color:#FF953E }
```

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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