

# Converting Colors

Decimal(16356460)

Have a look what the booklet for  
Decimal(16356460) contains.

<b>Decimal(16356460)</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(16356460)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F9946C
RGB	249, 148, 108
RGB Percent	98%, 58%, 42%
CMY	0.0235, 0.4196, 0.5765
CMYK	0.00, 0.41, 0.57, 0.02
HSL	17°, 92%, 70%
HSV	17°, 57%, 98%
XYZ	52.3636, 42.4023, 19.6119
YIQ	173.6390, 73.0360, 8.9720

# Conversions

## Conversions Part 2

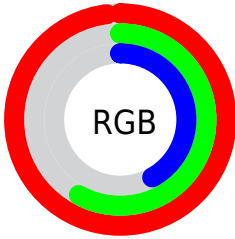
Format	Color
R <sub>Y</sub> B	249, 164, 108
Decimal	16356460
CIE Lab	71.15, 34.25, 37.30
CIE LCh	71, 50.646, 47.441
Yxy	42.4023, 0.4578, 0.3707
Android (android.graphics.Color)	4294546540 (0xFFFF9946C)
YUV	173.6390, -32.3600, 66.0916
Hunter-Lab	65.1170, 29.5853, 27.7249

# Details

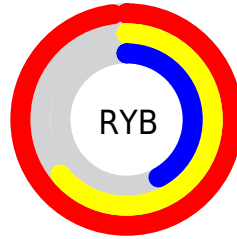
The Decimal color **16356460** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7131641**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16763808**, and **12345403** is the 20% darker color. If you saturate the color by 10%, you get **16351827**, and if you desaturate by 10%, it is **16361093**.

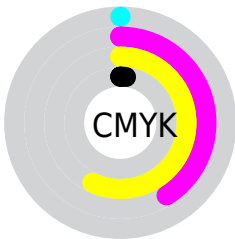
# Distribution



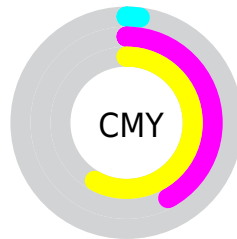
- Red (98%)
- Green (58%)
- Blue (42%)



- Red (98%)
- Yellow (64%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (57%)
- Black (2%)



- Cyan (2%)
- Magenta (42%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16356460 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 16356460 by changing the saturation by 10% instead.



 16356460  16356460

16777215  14318163

 16763808  12345403

 16771003  10438436

 16777175  8465934

 16777204  6624512

 4718592

 3145729

 0

 16356460  16356460

16351827

16361093

16347194

16365726

16342561

16370359

16338184

16374736

16336640

16379369

16383999

# Harmonies

## Analogous

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



16746645



16356460



14329170

# Triad

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



16356460



2606233



9612031

# Complementary

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



16356460



7131641

# 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.



571903



16356460



50888

# Square

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



16356460



8109934



49905



13932781

# Rectangle

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



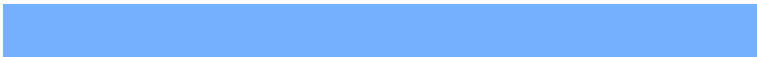
16356460



12562255



49905



7712767

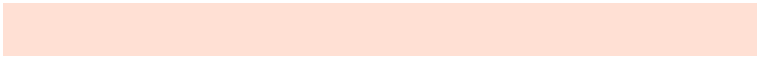


# Sweetspot

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



16356460



16769236



16346321



8416614



0



8421504



# Same Dimension

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



16356460



16745298



16374380



8221808



12400128



4002048



# Inverse Universe

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



7131641



5426943



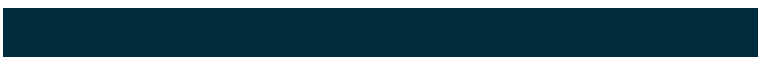
7113721



7371133



34749



11325



# Previews

## White Background



This preview shows how the Decimal color 16356460 looks on a white background.

## Color Contrast Check

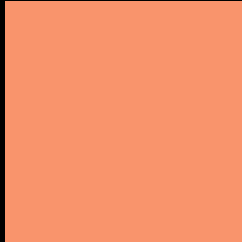
Large Text (above 18pt) WCAG AA × Fail

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 16356460 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 16356460 Background



This preview shows how black text looks on a background with the Decimal color 16356460.




This preview shows how white text looks on a background with the Decimal color 16356460.

# 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**  
16551577

# Trichromacy



**Original Color**  
16356460

**Protanomaly**  
13870450

**Deuteranomaly**  
14786665

**Tritanomaly**  
16486537

# Monochromacy



**Original Color**  
16356460

**Achromatopsia**  
11447982

**Achromatomaly**  
13215126

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16356460 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 #F9946C looks like.

```
.text, #text, p{  
    color:#F9946C  
}
```

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 #F9946C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9946C
}
```

## Border

The CSS property to change the border of an element to Decimal 16356460 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
#F9946C }
```

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

```
.border{ border-color:#F9946C }
```

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

Here you see how a box with a 4 pixel #F9946C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9946C; -webkit-box-shadow:4px 4px  
4px 4px #F9946C; box-shadow:4px 4px 4px  
4px #F9946C }
```

# Background

The CSS property to change the background color of an element to Decimal 16356460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9946C }
```

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

```
.background{ background-color:#F9946C }
```

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