

Converting Colors

Decimal(16418381)

Have a look what the booklet for
Decimal(16418381) contains.

Decimal(16418381)	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(16418381)

Conversions

Conversions Part 1

Format	Color
Hex	FA864D
RGB	250, 134, 77
RGB Percent	98%, 53%, 30%
CMY	0.0196, 0.4745, 0.6980
CMYK	0.00, 0.46, 0.69, 0.02
HSL	20°, 95%, 64%
HSV	20°, 69%, 98%
XYZ	49.2890, 37.9100, 11.7407
YIQ	162.1860, 87.4330, 6.8650

Conversions

Conversions Part 2

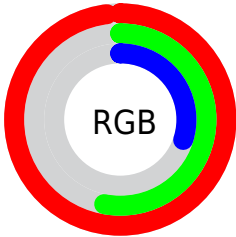
Format	Color
RYB	250, 162, 77
Decimal	16418381
CIELab	67.95, 39.83, 49.55
CIELCh	68, 63.580, 51.207
Yxy	37.9100, 0.4982, 0.3832
Android (android.graphics.Color)	4294608461 (0xFFFA864D)
YUV	162.1860, -41.9967, 77.0129
Hunter-Lab	61.5711, 35.1437, 31.7940

Details

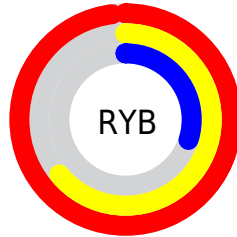
The Decimal color **16418381** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **5095930**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16760192**, and **12341788** is the 20% darker color. If you saturate the color by 10%, you get **16414004**, and if you desaturate by 10%, it is **16422758**.

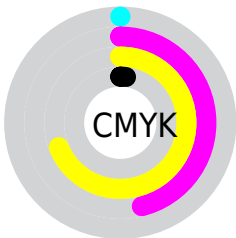
Distribution



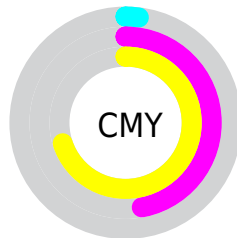
- Red (98%)
- Green (53%)
- Blue (30%)



- Red (98%)
- Yellow (64%)
- Blue (30%)



- Cyan (0%)
- Magenta (46%)
- Yellow (69%)
- Black (2%)




















- Cyan (2%)
- Magenta (47%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16418381 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 16418381 by changing the saturation by 10% instead.

 16418381	 16418381
16777215	 14380084
 16760192	 12341788
 16767387	 10303744
 16774838	 8330752
 16777170	 6356992
 16777199	 4456448
	 2818049
	 0
 16418381	 16418381

16414004

16422758

16409627

16427135

16405506

16431256

16404992

16435633

16440010

16444387

16448508

16449535

Harmonies

Analogous

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



16741247



16418381



13802794

Triad

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



16418381



49298



8953343

Complementary

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



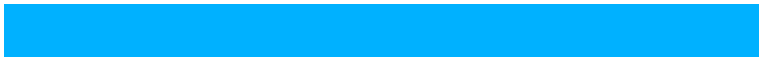
16418381



5095930

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.



45567



16418381



49613

Square

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



16418381



5552730



48638



14386670

Rectangle

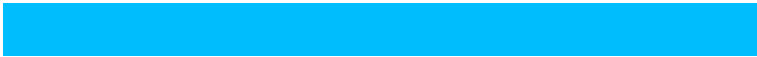
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16418381



11512360



48638



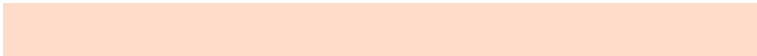
6006271

Sweetspot

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



16418381



16767945



16403907



8415840



0



8421504

Same Dimension

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



16418381



16740651



16439885



8222064



12402176



4002816

Inverse Universe

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



5095930



2865663



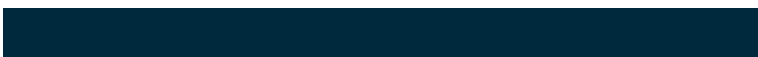
5074426



7371133



32701



10557

Previews

White Background



This preview shows how the Decimal color 16418381 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 16418381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

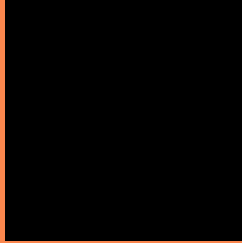
Any Text WCAG AA ✓ Pass

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 16418381 Background



This preview shows how black text looks on a background with the Decimal color 16418381.



This preview shows how white text looks on a background with the Decimal color 16418381.

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
16418381

Protanopia
12035671

Deuteranopia
13540935



Tritanopia
16613256

Trichromacy



Original Color
16418381

Protanomaly
13605459

Deuteranomaly
14587209

Tritanomaly
16548467

Monochromacy



Original Color
16418381

Achromatopsia
10658466

Achromatomaly
12753027

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16418381 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 #FA864D looks like.

```
.text, #text, p{  
    color:#FA864D  
}
```

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 #FA864D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA864D
}
```

Border

The CSS property to change the border of an element to Decimal 16418381 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
#FA864D }
```

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

```
.border{ border-color:#FA864D }
```

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

Here you see how a box with a 4 pixel #FA864D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA864D; -webkit-box-shadow:4px 4px  
4px 4px #FA864D; box-shadow:4px 4px 4px  
4px #FA864D }
```

Background

The CSS property to change the background color of an element to Decimal 16418381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA864D }
```

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

```
.background{ background-color:#FA864D }
```

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