

# Converting Colors

Decimal(16424823)

Have a look what the booklet for  
Decimal(16424823) contains.

<b>Decimal(16424823)</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(16424823)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA9F77
RGB	250, 159, 119
RGB Percent	98%, 62%, 47%
CMY	0.0196, 0.3765, 0.5333
CMYK	0.00, 0.36, 0.52, 0.02
HSL	18°, 93%, 72%
HSV	18°, 52%, 98%
XYZ	55.1523, 46.4522, 23.5121
YIQ	181.6490, 67.0760, 6.8520

# Conversions

## Conversions Part 2

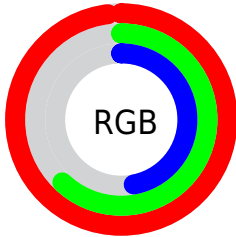
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 177, 119
Decimal	16424823
CIE Lab	73.84, 29.81, 34.90
CIE LCh	74, 45.900, 49.503
Yxy	46.4522, 0.4408, 0.3713
Android (android.graphics.Color)	4294614903 (0xFFFA9F77)
YUV	181.6490, -30.8860, 59.9438
Hunter-Lab	68.1558, 25.1709, 27.2555

# Details

The Decimal color **16424823** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7852794**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16766636**, and **12479302** is the 20% darker color. If you saturate the color by 10%, you get **16420446**, and if you desaturate by 10%, it is **16429200**.

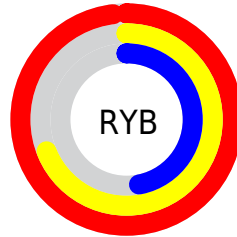
# Distribution



Red (98%)

Green (62%)

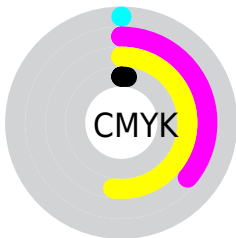
Blue (47%)



Red (98%)

Yellow (69%)

Blue (47%)

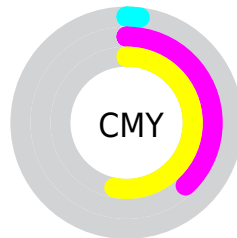


Cyan (0%)

Magenta (36%)

Yellow (52%)

Black (2%)



Cyan (2%)

Magenta (38%)















Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16424823 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 16424823 by changing the saturation by 10% instead.



 16424823	 16424823
16777215	 14451806
 16766636	 12479302
 16774087	 10572334
 16777187	 8665624
	 6824448
	 4983040
	 3211264
	 524288
	 0

16424823

16424823

16420446

16429200

16415813

16433833

16411436

16438210

16407059

16442587

16403456

16447220

16449535

# Harmonies

## Analogous

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



16749980



16424823



14528098

# Triad

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



16424823



4574117



10727679

# Complementary

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



16424823



7852794

# 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.



5357311



16424823



52176

# Square

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



16424823



8701309



51188



14393581

# Rectangle

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



16424823



12826464



51188



9156095

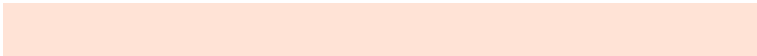


# Sweetspot

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



16424823



16770006



16414675



8417127



0



8421504



# Same Dimension

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



16424823



16748382



16441463



8221808



12401152



4002560



# Inverse Universe

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



7852794



6213375



7836154



7371133



33725



11069



# Previews

## White Background



This preview shows how the Decimal color 16424823 looks on a white background.

## Color Contrast Check

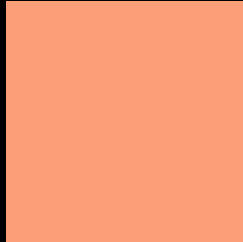
Large Text (above 18pt) WCAG AA × Fail

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 16424823 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

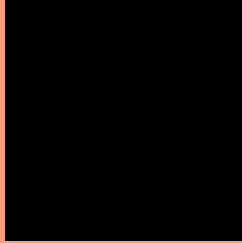
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16424823 Background



This preview shows how black text looks on a background with the Decimal color 16424823.




This preview shows how white text looks on a background with the Decimal color 16424823.

# 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**  
16619940

# Trichromacy



**Original Color**  
16424823

**Protanomaly**  
14200445

**Deuteranomaly**  
15116661

**Tritanomaly**  
16554900

# Monochromacy



**Original Color**  
16424823

**Achromatopsia**  
11974326

**Achromatomaly**  
13610655

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16424823 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 #FA9F77 looks like.

```
.text, #text, p{  
    color:#FA9F77  
}
```

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 #FA9F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA9F77  
}
```

## Border

The CSS property to change the border of an element to Decimal 16424823 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  
#FA9F77 }
```

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

```
.border{ border-color:#FA9F77 }
```

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

Here you see how a box with a 4 pixel #FA9F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA9F77; -webkit-box-shadow:4px 4px  
4px 4px #FA9F77; box-shadow:4px 4px 4px  
4px #FA9F77 }
```

# Background

The CSS property to change the background color of an element to Decimal 16424823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA9F77 }
```

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

```
.background{ background-color:#FA9F77 }
```

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