

# Converting Colors

Decimal(16624253)

Have a look what the booklet for  
Decimal(16624253) contains.

<b>Decimal(16624253)</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(16624253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>FDAA7D</code>
RGB	<code>253, 170, 125</code>
RGB Percent	<code>99%, 67%, 49%</code>
CMY	<code>0.0078, 0.3333, 0.5098</code>
CMYK	<code>0.00, 0.33, 0.51, 0.01</code>
HSL	<code>21°, 97%, 74%</code>
HSV	<code>21°, 51%, 99%</code>
XYZ	<code>58.5844, 51.1128, 26.1801</code>
YIQ	<code>189.6870, 63.9130, 3.6010</code>

# Conversions

## Conversions Part 2

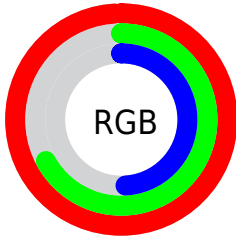
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 194, 125
Decimal	16624253
CIE <sub>Lab</sub>	76.75, 25.75, 35.54
CIE <sub>LCh</sub>	77, 43.888, 54.083
Yxy	51.1128, 0.4312, 0.3762
Android (android.graphics.Color)	4294814333 (0xFFFDAA7D)
YUV	189.6870, -31.8907, 55.5255
Hunter-Lab	71.4932, 21.1570, 28.3339

# Details

The Decimal color **16624253** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **8245501**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16769714**, and **12678475** is the 20% darker color. If you saturate the color by 10%, you get **16620132**, and if you desaturate by 10%, it is **16628374**.

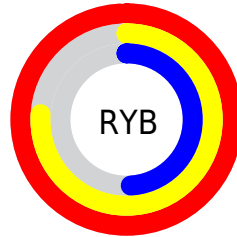
# Distribution



Red (99%)

Green (67%)

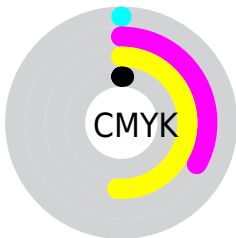
Blue (49%)



Red (99%)

Yellow (76%)

Blue (49%)

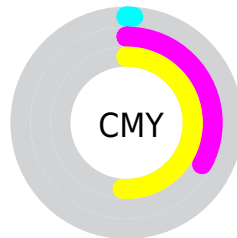


Cyan (0%)

Magenta (33%)

Yellow (51%)

Black (1%)



Cyan (1%)

Magenta (33%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16624253 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 16624253 by changing the saturation by 10% instead.



 16624253

 16624253

16777215

 14651236

 16769714

 12678475

 16776910

 10771508

 16777194

 8864797

 7023877

 5248512

 3473408

 1572865

 0

 16624253

 16624253

 16620132

 16628374

 16615754

 16632752

 16611633

 16636873

 16607256

 16641250

 16603392

 16645372

16646143

# Harmonies

## Analogous

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



16752542



16624253



14661740

# Triad

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



16624253



5034676



11974399

# Complementary

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



16624253



8245501

# Split Complementary

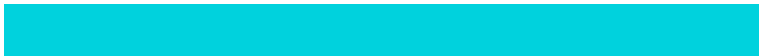
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7390463



16624253



53981

# Square

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



16624253



8900236



52990



15312878

# Rectangle

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



16624253



12960109



52990



10599423

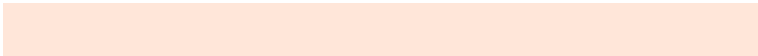


# Sweetspot

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



16624253



16770777



16612816



8417641



0



8421504



# Same Dimension

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



16624253



16751203



16640637



8419187



12534528

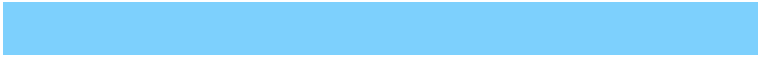


4199936



# Inverse Universe

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



8245501



6539519



8229117



7568256



31935



10560



# Previews

## White Background



This preview shows how the Decimal color 16624253 looks on a white background.

## Color Contrast Check

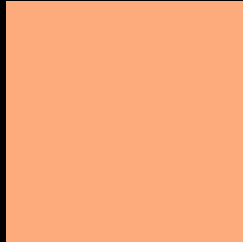
Large Text (above 18pt) WCAG AA × Fail

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 16624253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

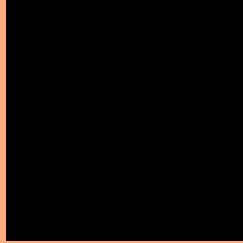
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16624253 Background



This preview shows how black text looks on a background with the Decimal color 16624253.




This preview shows how white text looks on a background with the Decimal color 16624253.

# 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**  
16753840

# Trichromacy



**Original Color**  
16624253

**Protanomaly**  
14595970

**Deuteranomaly**  
15577468

**Tritanomaly**  
16688797

# Monochromacy



**Original Color**  
16624253

**Achromatopsia**  
12500670

**Achromatomaly**  
14006182

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16624253 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 #FDAA7D looks like.

```
.text, #text, p{  
  color:#FDAA7D  
}
```

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 #FDAA7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDAA7D
}
```

## Border

The CSS property to change the border of an element to Decimal 16624253 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
#FDAA7D }
```

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

```
.border{ border-color:#FDAA7D }
```

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

Here you see how a box with a 4 pixel #FDAA7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDAA7D; -webkit-box-shadow:4px 4px  
4px 4px #FDAA7D; box-shadow:4px 4px 4px  
4px #FDAA7D }
```

# Background

The CSS property to change the background color of an element to Decimal 16624253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDAA7D }
```

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

```
.background{ background-color:#FDAA7D }
```

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