

# Converting Colors

Decimal(16557442)

Have a look what the booklet for  
Decimal(16557442) contains.

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# **Color**

**Decimal(16557442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCA582
RGB	252, 165, 130
RGB Percent	99%, 65%, 51%
CMY	0.0118, 0.3529, 0.4902
CMYK	0.00, 0.35, 0.48, 0.01
HSL	17°, 95%, 75%
HSV	17°, 48%, 99%
XYZ	57.6293, 49.2174, 27.5816
YIQ	187.0230, 63.0870, 7.5590

# Conversions

## Conversions Part 2

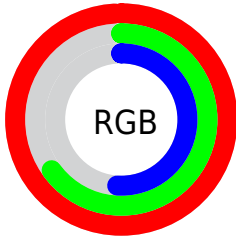
Format	Color
R <sub>Y</sub> B	252, 179, 130
Decimal	16557442
CIE Lab	75.59, 28.42, 31.36
CIE LCh	76, 42.325, 47.813
Yxy	49.2174, 0.4287, 0.3661
Android (android.graphics.Color)	4294747522 (0xFFFC A582)
YUV	187.0230, -28.1123, 56.9848
Hunter-Lab	70.1551, 23.8582, 25.7986

# Details

The Decimal color **16557442** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **8575484**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16768439**, and **12611664** is the 20% darker color. If you saturate the color by 10%, you get **16552809**, and if you desaturate by 10%, it is **16562075**.

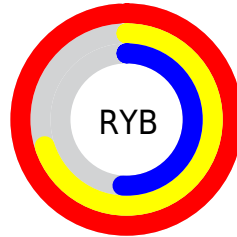
# Distribution



Red (99%)

Green (65%)

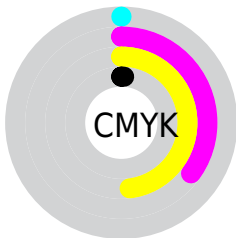
Blue (51%)



Red (99%)

Yellow (70%)

Blue (51%)

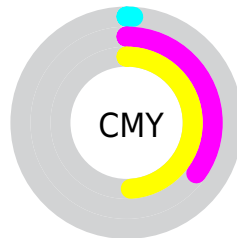


Cyan (0%)

Magenta (35%)

Yellow (48%)

Black (1%)



Cyan (1%)

Magenta (35%)
















Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16557442 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 16557442 by changing the saturation by 10% instead.



 16557442	 16557442
 16777215	 14584425
 16768439	 12611664
 16775635	 10704697
 16777199	 8863522
	 6957068
	 5181440
	 3407872
	 1376256
	 0

 16557442

 16557442

 16552809

 16562075

 16548176

 16566708

 16543542

 16571342

 16538909

 16575975

 16534276

16580607

 16533504

# Harmonies

## Analogous

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



16751780



16557442



14856814

# Triad

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



16557442



6082216



10991359

# Complementary

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



16557442



8575484

# 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.



6472703



16557442



577489

# Square

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



16557442



9488772



52211



14395631

# Rectangle

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



16557442



13286252



52211



9550847

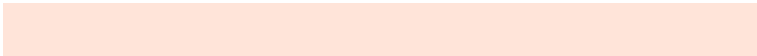


# Sweetspot

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



16557442



16770265



16548569



8417129



0



8421504



# Same Dimension

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



16557442



16750187



16573058



8221808



12400128



4002304



# Inverse Universe

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



8575484



7067135



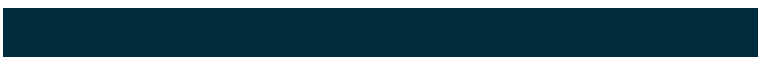
8559868



7371133



34749



11325



# Previews

## White Background



This preview shows how the Decimal color 16557442 looks on a white background.

## Color Contrast Check

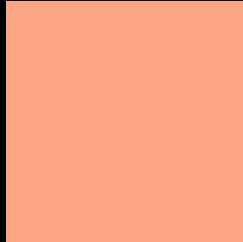
Large Text (above 18pt) WCAG AA × Fail

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 16557442 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 16557442 Background



This preview shows how black text looks on a background with the Decimal color 16557442.



This preview shows how white text looks on a background with the Decimal color 16557442.

# 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**  
16752811

# Trichromacy



**Original Color**  
16557442

**Protanomaly**  
14398088

**Deuteranomaly**  
15380096

**Tritanomaly**  
16687772

# Monochromacy



**Original Color**  
16557442

**Achromatopsia**  
12303291

**Achromatomaly**  
13874086

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16557442 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 #FCA582 looks like.

```
.text, #text, p{  
  color:#FCA582  
}
```

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 #FCA582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCA582
}
```

## Border

The CSS property to change the border of an element to Decimal 16557442 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
#FCA582 }
```

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

```
.border{ border-color:#FCA582 }
```

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

Here you see how a box with a 4 pixel #FCA582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCA582; -webkit-box-shadow:4px 4px  
4px 4px #FCA582; box-shadow:4px 4px 4px  
4px #FCA582 }
```

# Background

The CSS property to change the background color of an element to Decimal 16557442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCA582 }
```

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

```
.background{ background-color:#FCA582 }
```

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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