

# Converting Colors

Decimal(15966840)

Have a look what the booklet for  
Decimal(15966840) contains.

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# **Color**

**Decimal(15966840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3A278
RGB	243, 162, 120
RGB Percent	95%, 64%, 47%
CMY	0.0471, 0.3647, 0.5294
CMYK	0.00, 0.33, 0.51, 0.05
HSL	20°, 84%, 71%
HSV	20°, 51%, 95%
XYZ	53.2726, 46.2514, 23.8889
YIQ	181.4310, 61.7580, 4.1100

# Conversions

## Conversions Part 2

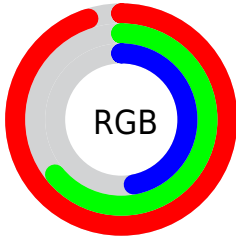
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 184, 120
Decimal	15966840
CIE <sub>Lab</sub>	73.71, 25.57, 34.04
CIE <sub>LCh</sub>	74, 42.579, 53.085
Yxy	46.2514, 0.4317, 0.3748
Android (android.graphics.Color)	4294156920 (0xFFFF3A278)
YUV	181.4310, -30.2855, 53.9960
Hunter-Lab	68.0084, 20.8087, 26.7794

# Details

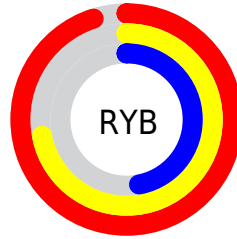
The Decimal color **15966840** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7916019**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16767405**, and **12086855** is the 20% darker color. If you saturate the color by 10%, you get **15962720**, and if you desaturate by 10%, it is **15970960**.

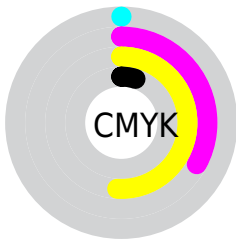
# Distribution



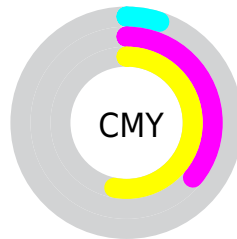
- Red (95%)
- Green (64%)
- Blue (47%)



- Red (95%)
- Yellow (72%)
- Blue (47%)



- Cyan (0%)
- Magenta (33%)
- Yellow (51%)
- Black (5%)



- Cyan (5%)
- Magenta (36%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15966840 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 15966840 by changing the saturation by 10% instead.



 15966840

 15966840


16777215

 13994079

 16767405

 12086855

 16774856

 10179887

 16777189

 8273177

 6497792

 4656896

 3014656

 0

 15966840

 15966840

15962720

15970960

15958599

15975081

15954479

15979201

15950359

15983321

15946496

15987441

15990783

# Harmonies

## Analogous

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



16750744



15966840



14069863

# Triad

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



15966840



4901290



11316989

# Complementary

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



15966840



7916019

# 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.



6864127



15966840



51666

# Square

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



15966840



8570245



50675



14524644

# Rectangle

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



15966840



12433511



50675



9942015

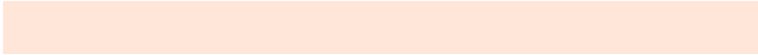


# Sweetspot

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



15966840



16770777



15956170



8417385



0



8421504



# Same Dimension

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



15966840



16750947



15982200



8024686



12206080



3871744



# Inverse Universe

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



7916019



6540031



7900659



7239290



31674



10043



# Previews

## White Background



This preview shows how the Decimal color 15966840 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 15966840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

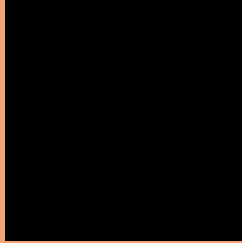
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15966840 Background



This preview shows how black text looks on a background with the Decimal color 15966840.

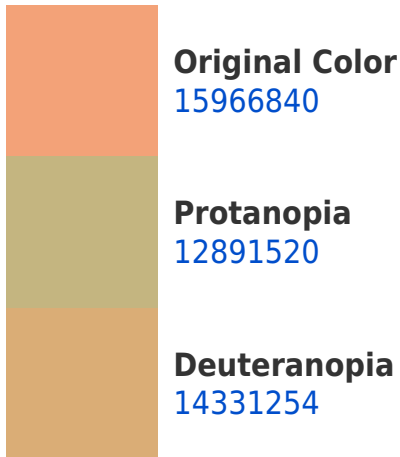



This preview shows how white text looks on a background with the Decimal color 15966840.

# 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**  
16227495

# Trichromacy



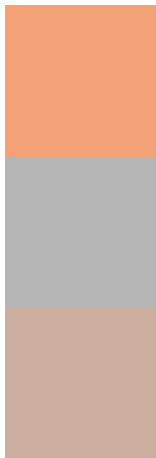
**Original Color**  
15966840

**Protanomaly**  
14003837

**Deuteranomaly**  
14920055

**Tritanomaly**  
16162454

# Monochromacy



**Original Color**  
15966840

**Achromatopsia**  
11908533

**Achromatomaly**  
13414047

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15966840 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 #F3A278 looks like.

```
.text, #text, p{  
    color:#F3A278  
}
```

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 #F3A278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3A278
}
```

## Border

The CSS property to change the border of an element to Decimal 15966840 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
#F3A278 }
```

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

```
.border{ border-color:#F3A278 }
```

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

Here you see how a box with a 4 pixel #F3A278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3A278; -webkit-box-shadow:4px 4px  
4px 4px #F3A278; box-shadow:4px 4px 4px  
4px #F3A278 }
```

# Background

The CSS property to change the background color of an element to Decimal 15966840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3A278 }
```

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

```
.background{ background-color:#F3A278 }
```

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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