

# Converting Colors

Decimal(15633016)

Have a look what the booklet for  
Decimal(15633016) contains.

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# **Color**

**Decimal(15633016)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE8A78
RGB	238, 138, 120
RGB Percent	93%, 54%, 47%
CMY	0.0667, 0.4588, 0.5294
CMYK	0.00, 0.42, 0.50, 0.07
HSL	9°, 78%, 70%
HSV	9°, 50%, 93%
XYZ	47.7385, 37.7102, 22.5320
YIQ	165.8480, 65.3780, 15.6020

# Conversions

## Conversions Part 2

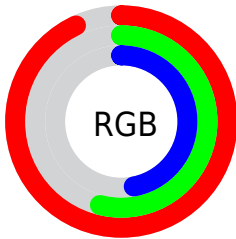
Format	Color
<a href="#">RYB</a>	<a href="#">238, 141, 120</a>
Decimal	<a href="#">15633016</a>
CIELab	<a href="#">67.81, 36.21, 26.20</a>
CIELCh	<a href="#">68, 44.695, 35.881</a>
Yxy	<a href="#">37.7102, 0.4421, 0.3492</a>
Android (android.graphics.Color)	<a href="#">4293823096</a> ( <a href="#">0xFFEE8A78</a> )
YUV	<a href="#">165.8480, -22.6031, 63.2773</a>
Hunter-Lab	<a href="#">61.4086, 31.2994, 21.2314</a>

# Details

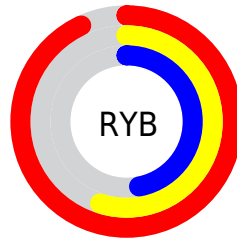
The Decimal color **15633016** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7920878**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16761260**, and **11687495** is the 20% darker color. If you saturate the color by 10%, you get **15627872**, and if you desaturate by 10%, it is **15638160**.

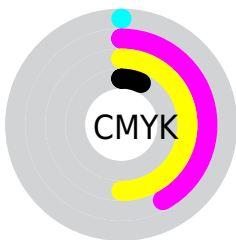
# Distribution



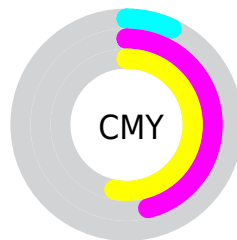
- Red (93%)
- Green (54%)
- Blue (47%)



- Red (93%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (42%)
- Yellow (50%)
- Black (7%)



- Cyan (7%)
- Magenta (46%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15633016 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 15633016 by changing the saturation by 10% instead.



 15633016

 15633016

16777215

 13660255

 16761260

 11687495

 16768456

 9780529

 16775908

 7939099

 6096643

 4259840

 2621441

 0

 15633016

 15633016

 15627872

 15638160

 15622728

 15643304

 15617329

 15648703

 15612185

 15653847

 15607041

 15658991

 15606784

 15663103

# Harmonies

## Analogous

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



15828127



15633016



14260060

# Triad

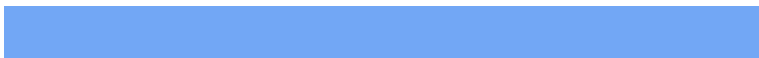
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15633016



5748611



7514101

# Complementary

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



15633016



7920878

# 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.



45806



15633016



47788

# Square

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



15633016



9220450



47571



11770087

# Rectangle

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



15633016



12820819



47571



5680117

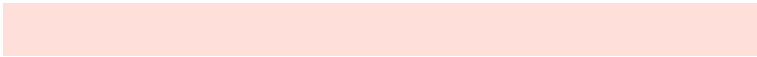


# Sweetspot

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



15633016



16768985



15628508



8416361



0



8421504



# Same Dimension

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



15633016



16744553



15648120



7892588



12065792



3672320



# Inverse Universe

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



7920878



6940927



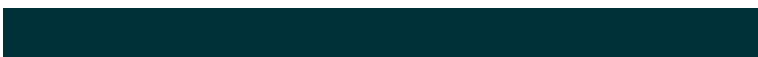
7905774



7108216



40120



12344



# Previews

## White Background



This preview shows how the Decimal color 15633016 looks on a white background.

## Color Contrast Check

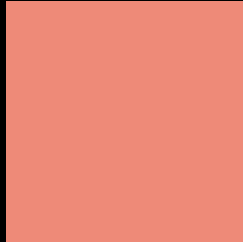
Large Text (above 18pt) WCAG AA × Fail

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 15633016 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 15633016 Background



This preview shows how black text looks on a background with the Decimal color 15633016.

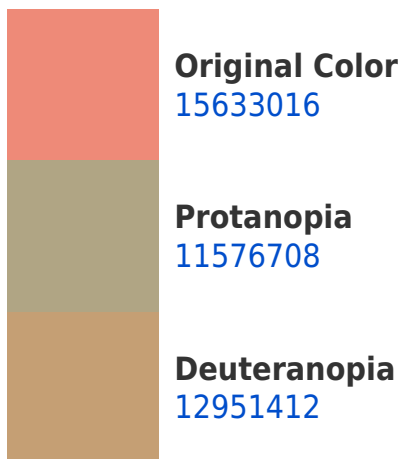


This preview shows how white text looks on a background with the Decimal color 15633016.

# 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**  
15763088

# Trichromacy



**Original Color**  
15633016

**Protanomaly**  
13081472

**Deuteranomaly**  
13932405

**Tritanomaly**  
15697799

# Monochromacy



**Original Color**  
15633016

**Achromatopsia**  
10921638

**Achromatomaly**  
12622997

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15633016 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 #EE8A78 looks like.

```
.text, #text, p{  
    color:#EE8A78  
}
```

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 #EE8A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE8A78  
}
```

## Border

The CSS property to change the border of an element to Decimal 15633016 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  
#EE8A78 }
```

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

```
.border{ border-color:#EE8A78 }
```

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

Here you see how a box with a 4 pixel #EE8A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE8A78; -webkit-box-shadow:4px 4px  
4px 4px #EE8A78; box-shadow:4px 4px 4px  
4px #EE8A78 }
```

# Background

The CSS property to change the background color of an element to Decimal 15633016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE8A78 }
```

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

```
.background{ background-color:#EE8A78 }
```

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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