

Converting Colors

Decimal(16236958)

Have a look what the booklet for
Decimal(16236958) contains.

| | |
|--|----|
| Decimal(16236958) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(16236958)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F7C19E |
| RGB | 247, 193, 158 |
| RGB Percent | 97%, 76%, 62% |
| CMY | 0.0314, 0.2431, 0.3804 |
| CMYK | 0.00, 0.22, 0.36, 0.03 |
| HSL | 24°, 85%, 79% |
| HSV | 24°, 36%, 97% |
| XYZ | 63.5993, 60.3827, 40.6507 |
| YIQ | 205.1560, 43.4190, 0.5630 |

Conversions

Conversions Part 2

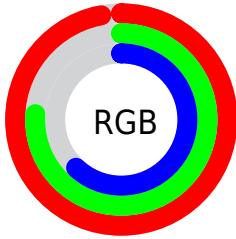
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 247, 216, 158 |
| Decimal | 16236958 |
| CIE Lab | 82.05, 14.72, 25.03 |
| CIE LCh | 82, 29.038, 59.547 |
| Yxy | 60.3827, 0.3863, 0.3668 |
| Android (android.graphics.Color) | 4294427038 (0xFFFF7C19E) |
| YUV | 205.1560, -23.2479, 36.6972 |
| Hunter-Lab | 77.7063, 10.1086, 23.3779 |

Details

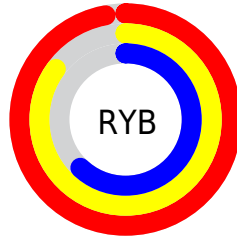
The Decimal color **16236958** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10409207**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16775893**, and **12421994** is the 20% darker color. If you saturate the color by 10%, you get **16233093**, and if you desaturate by 10%, it is **16240823**.

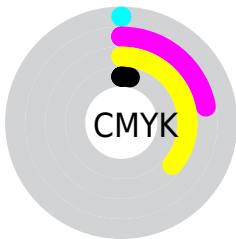
Distribution



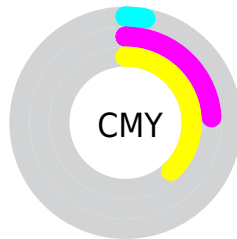
- Red (97%)
- Green (76%)
- Blue (62%)



- Red (97%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (3%)



- Cyan (3%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16236958 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 16236958 by changing the saturation by 10% instead.

 16236958

 16236958

16777215


 14329476

 16775893

 12421994

 16777201

 10580562

 8804667

 7029284

 5319439

 3675648

 2162688

 0

 16236958

 16236958

 16233093

 16240823

 16229229

 16244687

 16225364

 16248552

 16221499

 16252415

 16217635

 16252927

 16213770

 16212224

Harmonies

Analogous

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



16759474



16236958



14731926

Triad

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



16236958



8969163



13682171

Complementary

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



16236958



10409207

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.



11194367



16236958



8117222

Square

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



16236958



10803632



8967930



15711720

Rectangle

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



16236958



13488280



8967930



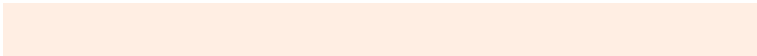
12830975

Sweetspot

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



16236958



16772835



16228053



8418671



0



8421504

Same Dimension

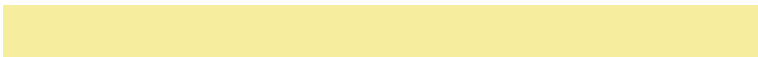
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16236958



16759953



16248222



8024942



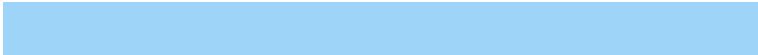
12208384



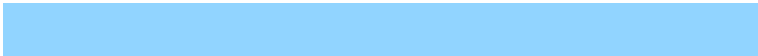
3872512

Inverse Universe

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



10409207



9557247



10397943



7239290



29114



9275

Previews

White Background



This preview shows how the Decimal color 16236958 looks on a white background.

Color Contrast Check

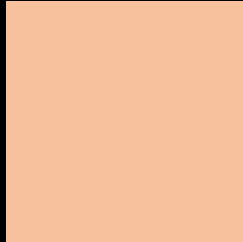
Large Text (above 18pt) WCAG AA × Fail

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 16236958 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 16236958 Background



This preview shows how black text looks on a background with the Decimal color 16236958.



This preview shows how white text looks on a background with the Decimal color 16236958.

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
16497609

Trichromacy



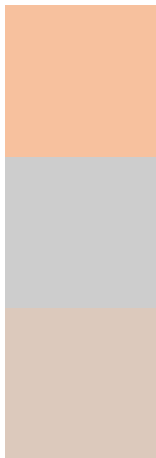
Original Color
16236958

Protanomaly
14993569

Deuteranomaly
15975325

Tritanomaly
16432569

Monochromacy



Original Color
16236958

Achromatopsia
13487565

Achromatomaly
14469564

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16236958 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 #F7C19E looks like.

```
.text, #text, p{  
    color:#F7C19E  
}
```

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 #F7C19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7C19E
}
```

Border

The CSS property to change the border of an element to Decimal 16236958 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
#F7C19E }
```

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

```
.border{ border-color:#F7C19E }
```

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

Here you see how a box with a 4 pixel #F7C19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7C19E; -webkit-box-shadow:4px 4px  
4px 4px #F7C19E; box-shadow:4px 4px 4px  
4px #F7C19E }
```

Background

The CSS property to change the background color of an element to Decimal 16236958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7C19E }
```

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

```
.background{ background-color:#F7C19E }
```

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