

# Converting Colors

Decimal(16503238)

Have a look what the booklet for  
Decimal(16503238) contains.

<b>Decimal(16503238)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(16503238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD1C6
RGB	251, 209, 198
RGB Percent	98%, 82%, 78%
CMY	0.0157, 0.1804, 0.2235
CMYK	0.00, 0.17, 0.21, 0.02
HSL	12°, 87%, 88%
HSV	12°, 21%, 98%
XYZ	72.7772, 70.1874, 63.1378
YIQ	220.3040, 28.5630, 5.4830

# Conversions

## Conversions Part 2

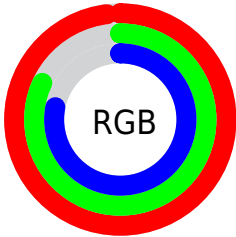
Format	Color
R <sub>Y</sub> B	251, 212, 198
Decimal	16503238
CIE Lab	87.09, 13.08, 10.96
CIE LCh	87, 17.065, 39.963
Yxy	70.1874, 0.3531, 0.3405
Android (android.graphics.Color)	4294693318 (0xFFFB1C6)
YUV	220.3040, -10.9959, 26.9204
Hunter-Lab	83.7779, 8.4501, 13.9616

# Details

The Decimal color **16503238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **13037819**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16777215**, and **12753808** is the 20% darker color. If you saturate the color by 10%, you get **16498093**, and if you desaturate by 10%, it is **16508383**.

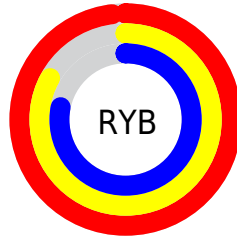
# Distribution



Red (98%)

Green (82%)

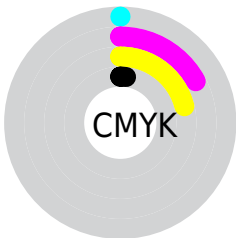
Blue (78%)



Red (98%)

Yellow (83%)

Blue (78%)

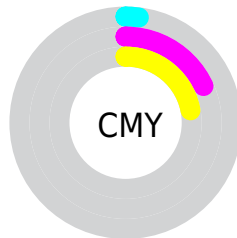


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16503238 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 16503238 by changing the saturation by 10% instead.



 16503238

 16503238

16777215

 14595499

 12753808

 10911863

 9135966

 7425862

 5781552

 4203035

 2756096

 65536

 16503238

 16503238

 16498093

 16508383

 16492948

 16513528

 16487803

 16515071

 16482658

 16477769

 16472623

 16467478

 16462848

# Harmonies

## Analogous

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



16568277



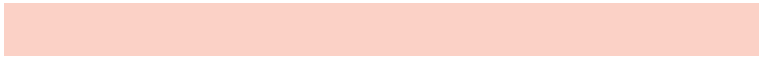
16503238



15848892

# Triad

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



16503238



12510159



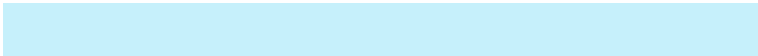
13622010

# Complementary

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



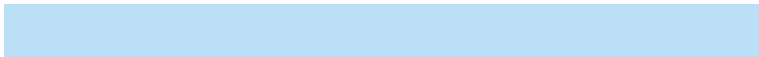
16503238



13037819

# 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.



12378104



16503238



11723999

# Square

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



16503238



13623489



11657966



14996723

# Rectangle

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



16503238



15194554



11657966



13229050



# Sweetspot

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



16503238



16774128



16500464



8419447



0



8421504



# Same Dimension

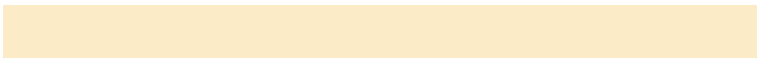
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16503238



16764095



16509894



8221552



12396288

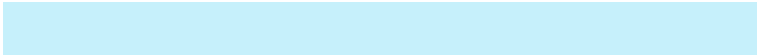


4001024

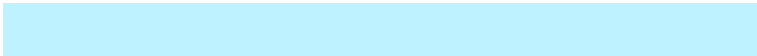


# Inverse Universe

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



13037819



12579583



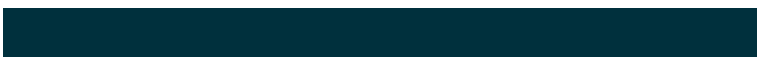
13031163



7371389



38589

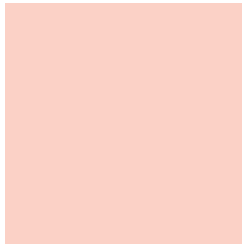


12349



# Previews

## White Background



This preview shows how the Decimal color 16503238 looks on a white background.

## Color Contrast Check

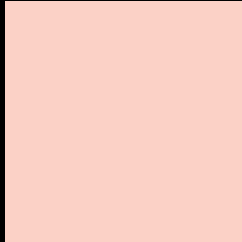
Large Text (above 18pt) WCAG AA × Fail

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 16503238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

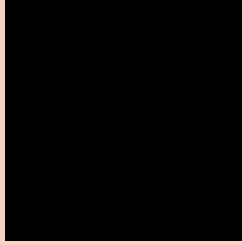
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16503238 Background



This preview shows how black text looks on a background with the Decimal color 16503238.

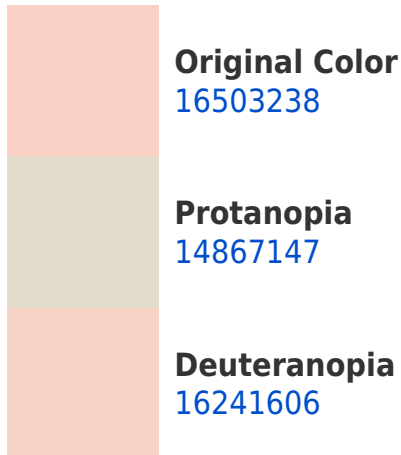


This preview shows how white text looks on a background with the Decimal color 16503238.

# 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**  
16698845

# Trichromacy



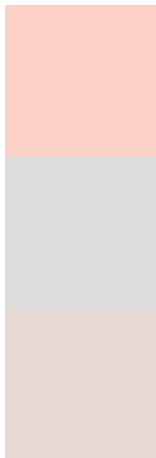
**Original Color**  
16503238

**Protanomaly**  
15456201

**Deuteranomaly**  
16306886

**Tritanomaly**  
16633557

# Monochromacy



**Original Color**  
16503238

**Achromatopsia**  
14474460

**Achromatomaly**  
15194324

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16503238 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 #FBD1C6 looks like.

```
.text, #text, p{  
    color:#FBD1C6  
}
```

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 #FBD1C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBD1C6
}
```

## Border

The CSS property to change the border of an element to Decimal 16503238 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
#FBD1C6 }
```

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

```
.border{ border-color:#FBD1C6 }
```

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

Here you see how a box with a 4 pixel #FBD1C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBD1C6; -webkit-box-shadow:4px 4px  
4px 4px #FBD1C6; box-shadow:4px 4px 4px  
4px #FBD1C6 }
```

# Background

The CSS property to change the background color of an element to Decimal 16503238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBD1C6 }
```

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

```
.background{ background-color:#FBD1C6 }
```

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