

# Converting Colors

Decimal(16503752)

Have a look what the booklet for  
Decimal(16503752) contains.

<b>Decimal(16503752)</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(16503752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD3C8
RGB	251, 211, 200
RGB Percent	98%, 83%, 78%
CMY	0.0157, 0.1725, 0.2157
CMYK	0.00, 0.16, 0.20, 0.02
HSL	13°, 86%, 88%
HSV	13°, 20%, 98%
XYZ	73.5033, 71.2679, 64.5256
YIQ	221.7060, 27.3710, 5.0590

# Conversions

## Conversions Part 2

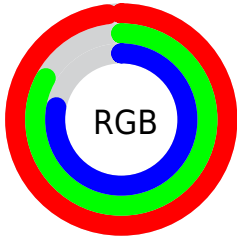
Format	Color
R <sub>Y</sub> B	251, 214, 200
Decimal	16503752
CIE Lab	87.61, 12.33, 10.66
CIE LCh	88, 16.294, 40.838
Yxy	71.2679, 0.3512, 0.3405
Android (android.graphics.Color)	4294693832 (0xFFFB3C8)
YUV	221.7060, -10.7011, 25.6908
Hunter-Lab	84.4203, 7.6812, 13.7766

# Details

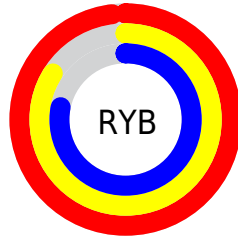
The Decimal color **16503752** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **13168891**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16777215**, and **12754066** is the 20% darker color. If you saturate the color by 10%, you get **16498607**, and if you desaturate by 10%, it is **16508897**.

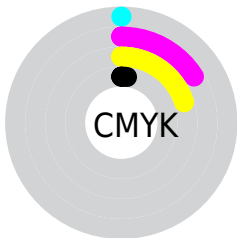
# Distribution



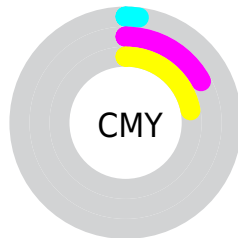
- Red (98%)
- Green (83%)
- Blue (78%)



- Red (98%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (17%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16503752 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 16503752 by changing the saturation by 10% instead.



 16503752

 16503752

16777215

 14596013

 12754066

 10912376

 9202016

 7426376

 5782065

 4203548

 2756354

 327680

 16503752

 16503752

 16498607

 16508897

 16493718

 16513786

 16488573

 16515071

 16483428

 16478538

 16473393

 16468248

 16463360

# Harmonies

## Analogous

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



16568790



16503752



15914943

# Triad

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



16503752



12641489



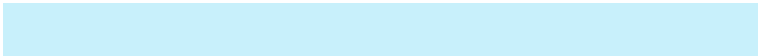
13818874

# Complementary

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



16503752



13168891

# 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.



12640504



16503752



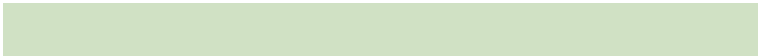
11920865

# Square

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



16503752



13689284



11920367



15128307

# Rectangle

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



16503752



15260605



11920367



13360634

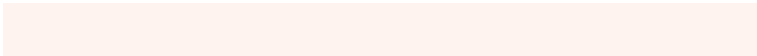


# Sweetspot

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



16503752



16774128



16500977



8419703



0



8421504



# Same Dimension

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



16503752



16764866



16510152



8221552



12396800

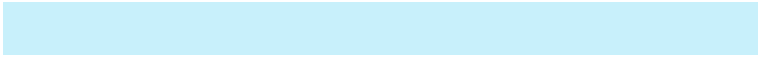


4001024

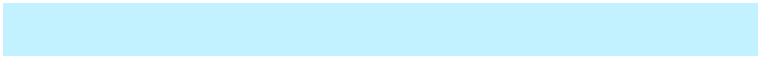


# Inverse Universe

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



13168891



12776191



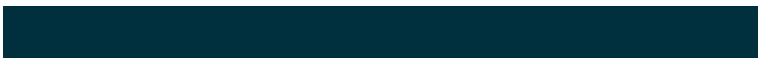
13162491



7371389



38077

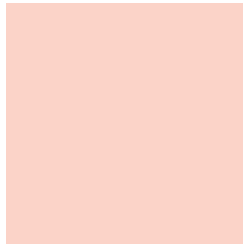


12349



# Previews

## White Background



This preview shows how the Decimal color 16503752 looks on a white background.

## Color Contrast Check

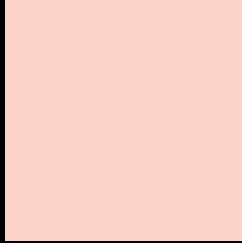
Large Text (above 18pt) WCAG AA × Fail

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 16503752 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 16503752 Background



This preview shows how black text looks on a background with the Decimal color 16503752.

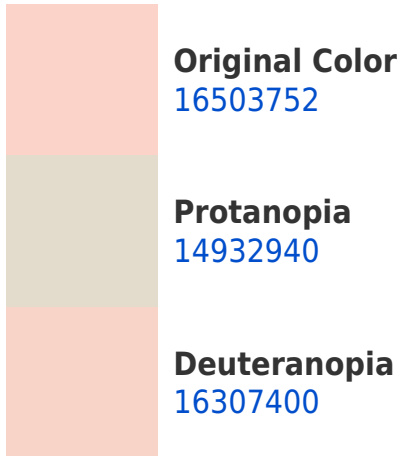



This preview shows how white text looks on a background with the Decimal color 16503752.

# 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**  
16699360

# Trichromacy



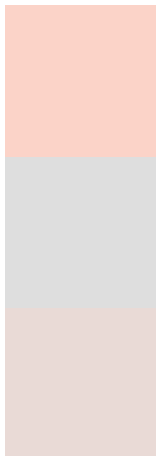
**Original Color**  
16503752

**Protanomaly**  
15521995

**Deuteranomaly**  
16372936

**Tritanomaly**  
16634071

# Monochromacy



**Original Color**  
16503752

**Achromatopsia**  
14606046

**Achromatomaly**  
15325910

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16503752 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 #FBD3C8 looks like.

```
.text, #text, p{  
    color:#FBD3C8  
}
```

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 #FBD3C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBD3C8
}
```

## Border

The CSS property to change the border of an element to Decimal 16503752 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
#FBD3C8 }
```

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

```
.border{ border-color:#FBD3C8 }
```

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

Here you see how a box with a 4 pixel #FBD3C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBD3C8; -webkit-box-shadow:4px 4px  
4px 4px #FBD3C8; box-shadow:4px 4px 4px  
4px #FBD3C8 }
```

# Background

The CSS property to change the background color of an element to Decimal 16503752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBD3C8 }
```

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

```
.background{ background-color:#FBD3C8 }
```

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