

# Converting Colors

Decimal(16442087)

Have a look what the booklet for  
Decimal(16442087) contains.

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# **Color**

**Decimal(16442087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAE2E7
RGB	250, 226, 231
RGB Percent	98%, 89%, 91%
CMY	0.0196, 0.1137, 0.0941
CMYK	0.00, 0.10, 0.08, 0.02
HSL	348°, 71%, 93%
HSV	348°, 10%, 98%
XYZ	81.0445, 80.4862, 86.8652
YIQ	233.7460, 12.6990, 6.6430

# Conversions

## Conversions Part 2

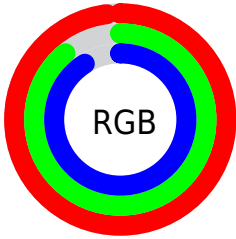
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 226, 231
Decimal	16442087
CIE Lab	91.90, 9.03, 0.55
CIE LCh	92, 9.050, 3.465
Yxy	80.4862, 0.3263, 0.3240
Android (android.graphics.Color)	4294632167 (0xFFFAE2E7)
YUV	233.7460, -1.3538, 14.2548
Hunter-Lab	89.7141, 4.2508, 5.3927

# Details

The Decimal color **16442087** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **14875381**, and the grayscale version is **15395562**.

A 20% lighter version of the original color is **16777215**, and **12692399** is the 20% darker color. If you saturate the color by 10%, you get **16435667**, and if you desaturate by 10%, it is **16448507**.

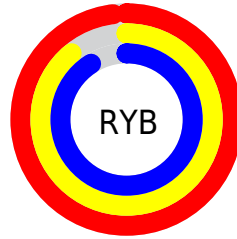
# Distribution



Red (98%)

Green (89%)

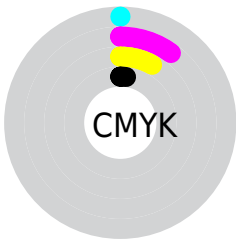
Blue (91%)



Red (98%)

Yellow (89%)

Blue (91%)

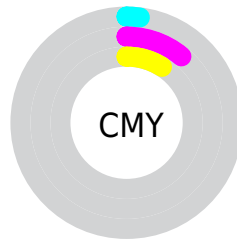


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (2%)



Cyan (2%)

Magenta (11%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16442087 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 16442087 by changing the saturation by 10% instead.



 16442087

 16442087

16777215

 14534347

 12692399

 10915989

 9205627

 7495266

 5850698

 4337716

 2824991

 1638406

 16442087

 16442087

 16435667

 16448507

 16429247

 16449535

 16422828

 16416408

 16409988

 16403568

 16397148

 16390729

 16384309

# Harmonies

## Analogous

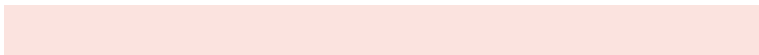
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16049136



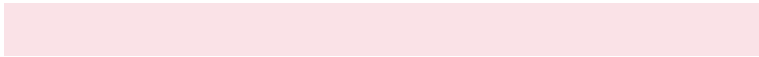
16442087



16507871

# Triad

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



16442087



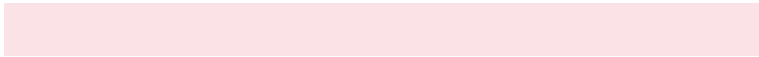
15002329



14150647

# Complementary

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



16442087



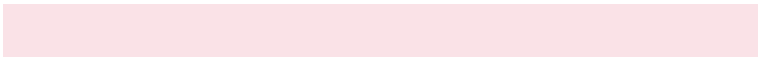
14875381

# Split Complementary

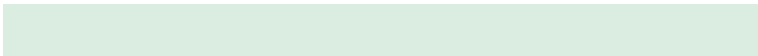
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



13889009



16442087



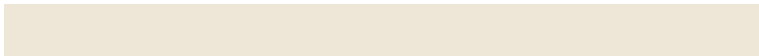
14413024

# Square

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



16442087



15656919



13954536



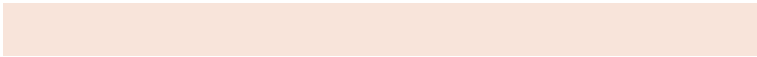
14739705

# Rectangle

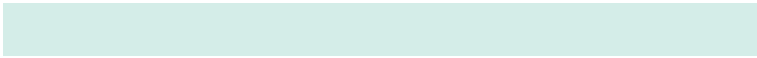
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



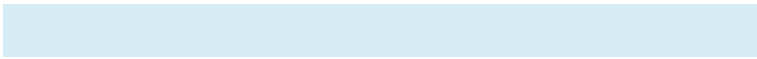
16442087



16311514



13954536



14019829

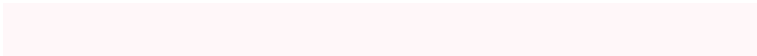


# Sweetspot

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



16442087



16775161



16114426



8419963



0



8421504



# Same Dimension

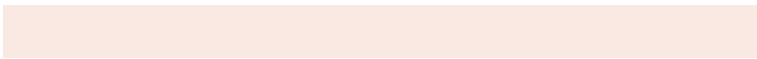
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16442087



16769255



16443874



8220787



12386343



3997709



# Inverse Universe

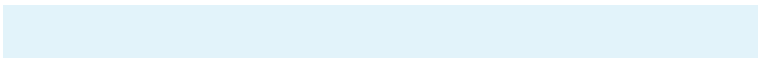
The Inverse Universe completely reimagines the original color for something new.



16442087



16769255



14873594



8220787



12386343

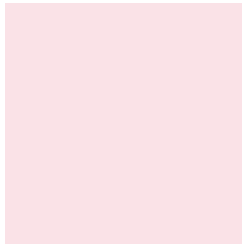


3997709



# Previews

## White Background



This preview shows how the Decimal color 16442087 looks on a white background.

## Color Contrast Check

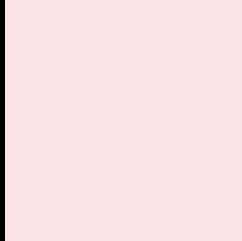
Large Text (above 18pt) WCAG AA × Fail

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 16442087 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

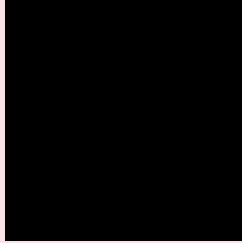
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16442087 Background



This preview shows how black text looks on a background with the Decimal color 16442087.

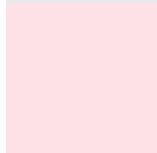


This preview shows how white text looks on a background with the Decimal color 16442087.

# 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

	<b>Original Color</b> 16442087
	<b>Protanopia</b> 15460330
	<b>Deuteranopia</b> 16703719



**Tritanopia**  
16572658

# Trichromacy



**Original Color**  
16442087

**Protanomaly**  
15787497

**Deuteranomaly**  
16638439

**Tritanomaly**  
16507374

# Monochromacy



**Original Color**  
16442087

**Achromatopsia**  
15395562

**Achromatomaly**  
15788009

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16442087 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 #FAE2E7 looks like.

```
.text, #text, p{  
    color:#FAE2E7  
}
```

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 #FAE2E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAE2E7
}
```

## Border

The CSS property to change the border of an element to Decimal 16442087 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
#FAE2E7 }
```

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

```
.border{ border-color:#FAE2E7 }
```

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

Here you see how a box with a 4 pixel #FAE2E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAE2E7; -webkit-box-shadow:4px 4px  
4px 4px #FAE2E7; box-shadow:4px 4px 4px  
4px #FAE2E7 }
```

# Background

The CSS property to change the background color of an element to Decimal 16442087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAE2E7 }
```

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

```
.background{ background-color:#FAE2E7 }
```

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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