

# Converting Colors

Decimal(16508587)

Have a look what the booklet for  
Decimal(16508587) contains.

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# **Color**

**Decimal(16508587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBE6AB
RGB	251, 230, 171
RGB Percent	98%, 90%, 67%
CMY	0.0157, 0.0980, 0.3294
CMYK	0.00, 0.08, 0.32, 0.02
HSL	44°, 91%, 83%
HSV	44°, 32%, 98%
XYZ	75.4312, 80.0431, 50.0023
YIQ	229.5530, 31.4550, -13.8970

# Conversions

## Conversions Part 2

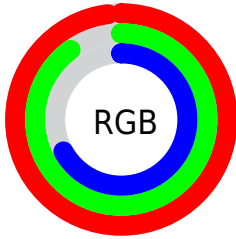
Format	Color
R <sub>Y</sub> B	199, 251, 171
Decimal	16508587
CIE Lab	91.70, -1.32, 31.39
CIE LCh	92, 31.422, 92.409
Yxy	80.0431, 0.3671, 0.3895
Android (android.graphics.Color)	4294698667 (0xFFFFBE6AB)
YUV	229.5530, -28.8666, 18.8090
Hunter-Lab	89.4668, -6.0702, 29.4901

# Details

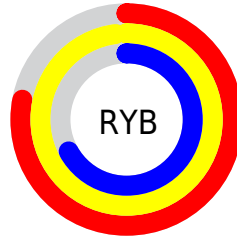
The Decimal color **16508587** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **11256059**, and the grayscale version is **15132390**.

A 20% lighter version of the original color is **16777187**, and **12693366** is the 20% darker color. If you saturate the color by 10%, you get **16506770**, and if you desaturate by 10%, it is **16510404**.

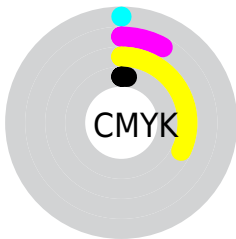
# Distribution



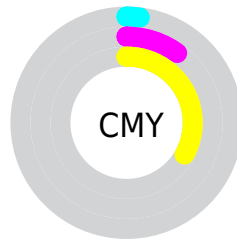
- Red (98%)
- Green (90%)
- Blue (67%)



- Red (78%)
- Yellow (98%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16508587 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 16508587 by changing the saturation by 10% instead.



 16508587

 16508587

16777215

 14600848

 16777187

 12693366

 10916957

 9140805

 7365165

 5720599

 4076544

 2498304

 395008

 16508587

 16508587

 16506770

 16510404

 16505209

 16511965

 16503392

 16513782

 16501831

 16515071

 16500013

 16498196

 16496896

# Harmonies

## Analogous

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



16768179



16508587



14348212

# Triad

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



16508587



9369599



16766463

# Complementary

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



16508587



11256059

# 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.



15720447



16508587



10547967

# Square

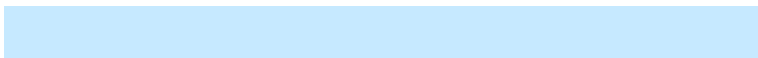
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16508587



10156265



13036031



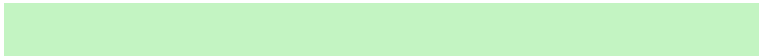
16765414

# Rectangle

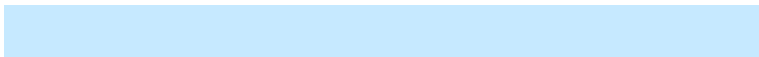
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16508587



12842178



13036031



16767231

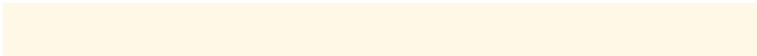


# Sweetspot

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



16508587



16775398



16493504



8420208



0



8421504



# Same Dimension

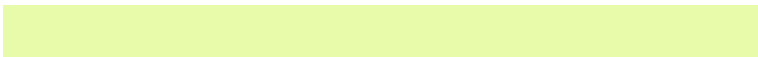
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16508587



16770718



15268779



8223344



12421888



4009216



# Inverse Universe

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



11256059



10402047



12495867



7369853



12989



4157



# Previews

## White Background



This preview shows how the Decimal color 16508587 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 16508587 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 16508587 Background



This preview shows how black text looks on a background with the Decimal color 16508587.

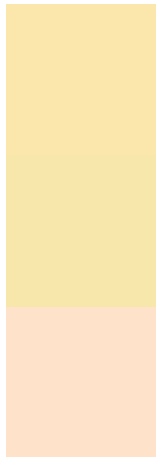


This preview shows how white text looks on a background with the Decimal color 16508587.

# 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



**Original Color**  
16508587

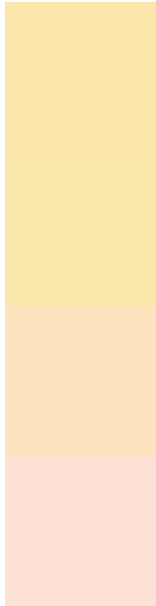
**Protanopia**  
16312235

**Deuteranopia**  
16769738



**Tritanopia**  
16769005

# Trichromacy



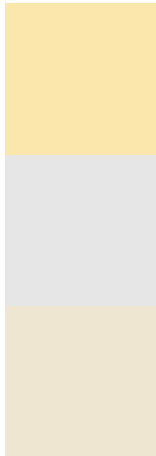
**Original Color**  
16508587

**Protanomaly**  
16377771

**Deuteranomaly**  
16704447

**Tritanomaly**  
16704213

# Monochromacy



**Original Color**  
16508587

**Achromatopsia**  
15132390

**Achromatomaly**  
15656657

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16508587 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 #FBE6AB looks like.

```
.text, #text, p{  
    color:#FBE6AB  
}
```

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 #FBE6AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBE6AB
}
```

## Border

The CSS property to change the border of an element to Decimal 16508587 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
#FBE6AB }
```

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

```
.border{ border-color:#FBE6AB }
```

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

Here you see how a box with a 4 pixel #FBE6AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBE6AB; -webkit-box-shadow:4px 4px  
4px 4px #FBE6AB; box-shadow:4px 4px 4px  
4px #FBE6AB }
```

# Background

The CSS property to change the background color of an element to Decimal 16508587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBE6AB }
```

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

```
.background{ background-color:#FBE6AB }
```

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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