

# Converting Colors

Decimal(16106650)

Have a look what the booklet for  
Decimal(16106650) contains.

<b>Decimal(16106650)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16106650)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C49A
RGB	245, 196, 154
RGB Percent	96%, 77%, 60%
CMY	0.0392, 0.2314, 0.3961
CMYK	0.00, 0.20, 0.37, 0.04
HSL	28°, 82%, 78%
HSV	28°, 37%, 96%
XYZ	63.2289, 61.2254, 39.0570
YIQ	205.8630, 42.6860, -2.6740

# Conversions

## Conversions Part 2

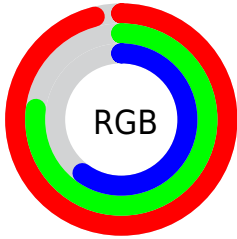
Format	Color
R <sub>Y</sub> B	245, 232, 154
Decimal	16106650
CIE Lab	82.50, 11.91, 27.72
CIE LCh	82, 30.172, 66.751
Yxy	61.2254, 0.3867, 0.3744
Android (android.graphics.Color)	4294296730 (0xFFFF5C49A)
YUV	205.8630, -25.5685, 34.3231
Hunter-Lab	78.2467, 7.3089, 25.1779

# Details

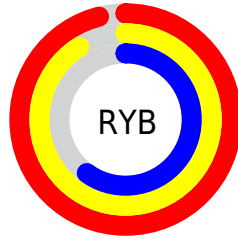
The Decimal color **16106650** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10144757**, and the grayscale version is **13553358**.

A 20% lighter version of the original color is **16776657**, and **12291687** is the 20% darker color. If you saturate the color by 10%, you get **16103298**, and if you desaturate by 10%, it is **16110002**.

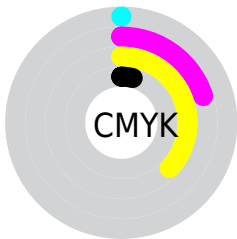
# Distribution



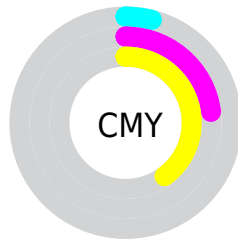
- Red (96%)
- Green (77%)
- Blue (60%)



- Red (96%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16106650 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 16106650 by changing the saturation by 10% instead.



 16106650

 16106650

16777215

 14199168

 16776657

 12291687

 16777197

 10450254

 8674359

 6898720


 5189130

 3545344

 2031616

 0

 16106650

 16106650

 16103298

 16110002

 16099945

 16113355

 16096336

 16116963

 16092984

 16120316

 16089631

 16121855

 16086279

 16085248

# Harmonies

## Analogous

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



16759981



16106650



14470805

# Triad

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



16106650



8510931



14337275

# Complementary

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



16106650



10144757

# 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.



11783935



16106650



7986414

# Square

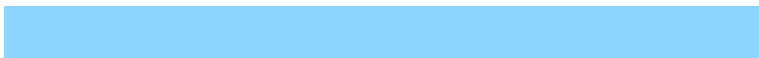
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16106650



10279862



9295615



16235748

# Rectangle

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



16106650



13095834



9295615



13551615

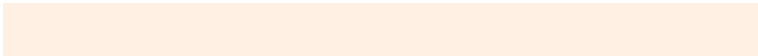


# Sweetspot

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



16106650



16773347



16095948



8419183



0



8421504



# Same Dimension

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



16106650



16761228



16117914



8025198



12211712

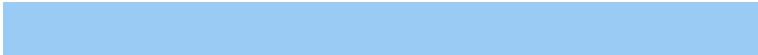


3873536

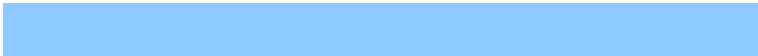


# Inverse Universe

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



10144757



9227007



10133493



7239034



25786



8251



# Previews

## White Background



This preview shows how the Decimal color 16106650 looks on a white background.

## Color Contrast Check

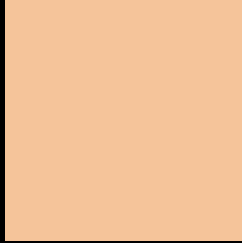
Large Text (above 18pt) WCAG AA × Fail

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 16106650 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

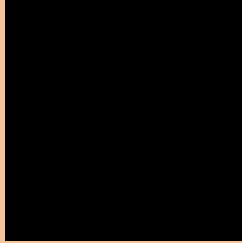
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16106650 Background



This preview shows how black text looks on a background with the Decimal color 16106650.




This preview shows how white text looks on a background with the Decimal color 16106650.

# 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**  
16432588

# Trichromacy



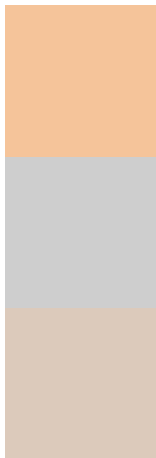
**Original Color**  
16106650

**Protanomaly**  
14994077

**Deuteranomaly**  
15975834

**Tritanomaly**  
16302266

# Monochromacy



**Original Color**  
16106650

**Achromatopsia**  
13553358

**Achromatomaly**  
14469819

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16106650 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 #F5C49A looks like.

```
.text, #text, p{  
    color:#F5C49A  
}
```

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 #F5C49A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5C49A
}
```

## Border

The CSS property to change the border of an element to Decimal 16106650 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
#F5C49A }
```

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

```
.border{ border-color:#F5C49A }
```

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

Here you see how a box with a 4 pixel #F5C49A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5C49A; -webkit-box-shadow:4px 4px  
4px 4px #F5C49A; box-shadow:4px 4px 4px  
4px #F5C49A }
```

# Background

The CSS property to change the background color of an element to Decimal 16106650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5C49A }
```

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

```
.background{ background-color:#F5C49A }
```

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