

# Converting Colors

Decimal(16246412)

Have a look what the booklet for  
Decimal(16246412) contains.

<b>Decimal(16246412)</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(16246412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7E68C
RGB	247, 230, 140
RGB Percent	97%, 90%, 55%
CMY	0.0314, 0.0980, 0.4510
CMYK	0.00, 0.07, 0.43, 0.03
HSL	50°, 87%, 76%
HSV	50°, 43%, 97%
XYZ	71.3882, 78.2612, 36.1543
YIQ	224.8230, 39.0220, -24.3860

# Conversions

## Conversions Part 2

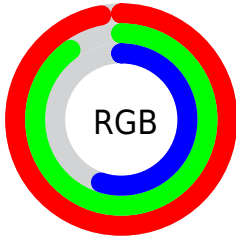
Format	Color
R <sub>Y</sub> B	160, 247, 140
Decimal	16246412
CIE Lab	90.90, -6.27, 45.81
CIE LCh	91, 46.242, 97.796
Yxy	78.2612, 0.3842, 0.4212
Android (android.graphics.Color)	4294436492 (0xFFFF7E68C)
YUV	224.8230, -41.8177, 19.4492
Hunter-Lab	88.4654, -10.7717, 37.6949

# Details

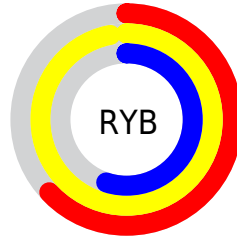
The Decimal color **16246412** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9215479**, and the grayscale version is **14803425**.

A 20% lighter version of the original color is **16777155**, and **12431192** is the 20% darker color. If you saturate the color by 10%, you get **16245363**, and if you desaturate by 10%, it is **16247461**.

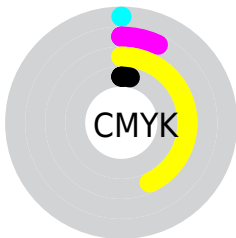
# Distribution



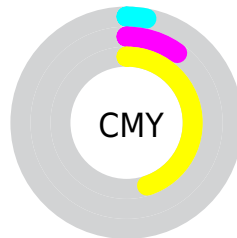
- Red (97%)
- Green (90%)
- Blue (55%)



- Red (63%)
- Yellow (97%)
- Blue (55%)



- Cyan (0%)
- Magenta (7%)
- Yellow (43%)
- Black (3%)

















- Cyan (3%)
- Magenta (10%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16246412 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 16246412 by changing the saturation by 10% instead.



 16246412	 16246412
16777215	 14338674
 16777155	 12431192
 16777183	 10589247
 16777212	 8747813
	 6971911
	 5261824
	 3617792
	 1974016
	 1536

 16246412

 16246412

 16245363

 16247461

 16244315

 16248509

 16243266

 16249558

 16242217

 16250607

 16241169

 16251647

 16240640

 16252671

 16252927

# Harmonies

## Analogous

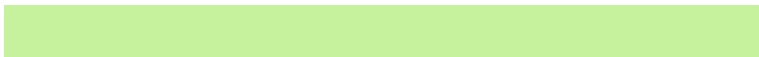
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16766868



16246412



13103773

# Triad

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



16246412



3013375



16762879

# Complementary

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



16246412



9215479

# 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.



16373247



16246412



7074815

# Square

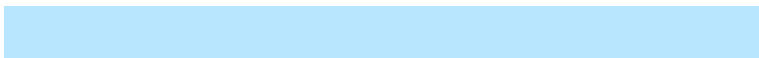
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16246412



5570031



12117503



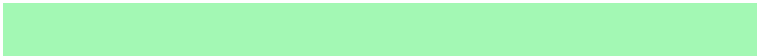
16761563

# Rectangle

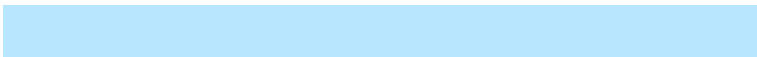
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16246412



10746036



12117503



16763903



# Sweetspot

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



16246412



16775902



16223390



8420459



0



8421504



# Same Dimension

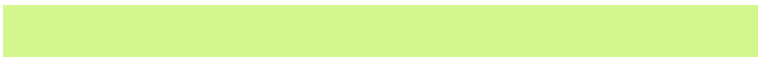
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16246412



16771706



13891468



8026222



12229888



3879168



# Inverse Universe

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



9215479



8032255



11570423



7237754



7866

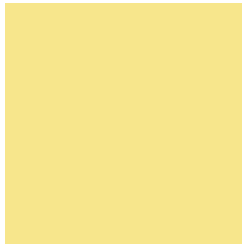


2363



# Previews

## White Background



This preview shows how the Decimal color 16246412 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 16246412 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 16246412 Background



This preview shows how black text looks on a background with the Decimal color 16246412.

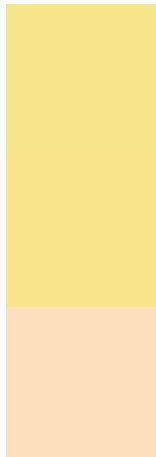


This preview shows how white text looks on a background with the Decimal color 16246412.

# 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**  
16246412

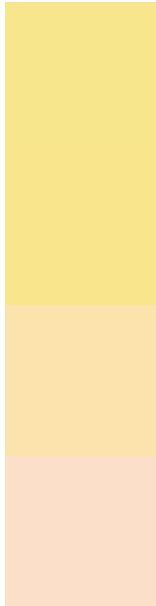
**Protanopia**  
16442764

**Deuteranopia**  
16769214



**Tritanopia**  
16767979

# Trichromacy



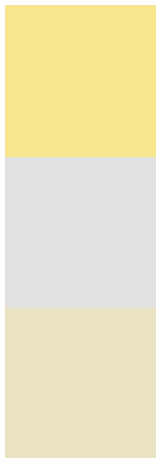
**Original Color**  
16246412

**Protanomaly**  
16377228

**Deuteranomaly**  
16573100

**Tritanomaly**  
16572360

# Monochromacy



**Original Color**  
16246412

**Achromatopsia**  
14803425

**Achromatomaly**  
15328194

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16246412 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 #F7E68C looks like.

```
.text, #text, p{  
    color:#F7E68C  
}
```

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 #F7E68C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7E68C
}
```

## Border

The CSS property to change the border of an element to Decimal 16246412 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
#F7E68C }
```

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

```
.border{ border-color:#F7E68C }
```

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

Here you see how a box with a 4 pixel #F7E68C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7E68C; -webkit-box-shadow:4px 4px  
4px 4px #F7E68C; box-shadow:4px 4px 4px  
4px #F7E68C }
```

# Background

The CSS property to change the background color of an element to Decimal 16246412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7E68C }
```

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

```
.background{ background-color:#F7E68C }
```

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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