

# Converting Colors

Decimal(16696742)

Have a look what the booklet for  
Decimal(16696742) contains.

<b>Decimal(16696742)</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(16696742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEC5A6
RGB	254, 197, 166
RGB Percent	100%, 77%, 65%
CMY	0.0039, 0.2275, 0.3490
CMYK	0.00, 0.22, 0.35, 0.00
HSL	21°, 98%, 82%
HSV	21°, 35%, 100%
XYZ	67.7222, 63.7565, 44.8133
YIQ	210.5090, 43.9230, 2.4430

# Conversions

## Conversions Part 2

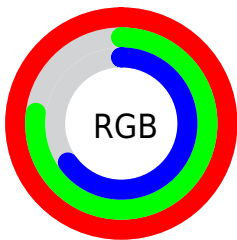
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 214, 166
Decimal	16696742
CIE <sub>Lab</sub>	83.84, 16.24, 23.37
CIE <sub>LCh</sub>	84, 28.457, 55.198
Yxy	63.7565, 0.3841, 0.3617
Android (android.graphics.Color)	4294886822 (0xFFFE <sub>C5A6</sub> )
YUV	210.5090, -21.9429, 38.1416
Hunter-Lab	79.8477, 11.6601, 22.6178

# Details

The Decimal color **16696742** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10936318**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **16776925**, and **12881778** is the 20% darker color. If you saturate the color by 10%, you get **16692621**, and if you desaturate by 10%, it is **16700863**.

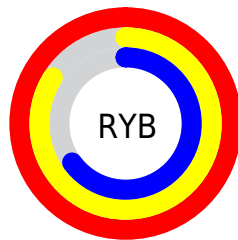
# Distribution



Red (100%)

Green (77%)

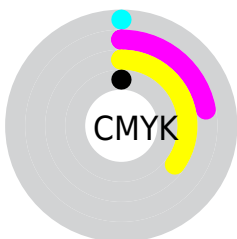
Blue (65%)



Red (100%)

Yellow (84%)

Blue (65%)

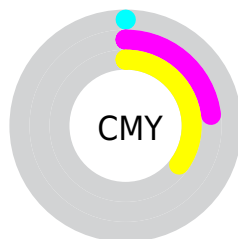


Cyan (0%)

Magenta (22%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (23%)















Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16696742 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 16696742 by changing the saturation by 10% instead.



 16696742	 16696742
 16777215	 14789260
 16776925	 12881778
 16777210	 11040089
	 9198914
	 7423275
	 5713430
	 4069632
	 2490624
	 0

 16696742

 16696742

 16692621

 16700863

 16688243

 16705241

 16684122

 16709362

 16679744

16711679

 16675623

 16671246

 16668928

# Harmonies

## Analogous

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



16760763



16696742



15322780

# Triad

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



16696742



9625804



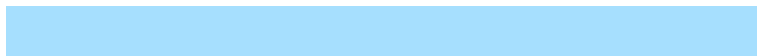
13683967

# Complementary

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



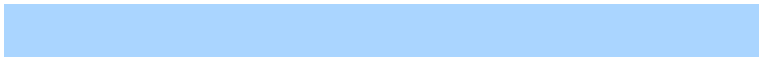
16696742



10936318

# 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.



11195903



16696742



8642791

# Square

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



16696742



11460018



9231612



15778800

# Rectangle

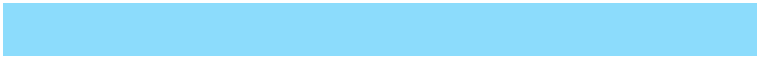
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16696742



14144669



9231612



12832767



# Sweetspot

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



16696742



16772838



16688863



8418928



0



8421504



# Same Dimension

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



16696742



16759444



16708006



8419187



12534528

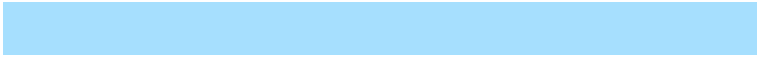


4199936

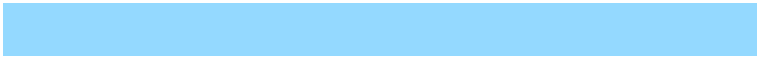


# Inverse Universe

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



10936318



9755135



10925054



7568256



31935



10560



# Previews

## White Background



This preview shows how the Decimal color 16696742 looks on a white background.

## Color Contrast Check

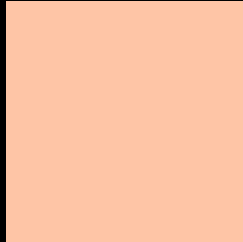
Large Text (above 18pt) WCAG AA × Fail

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 16696742 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 16696742 Background



This preview shows how black text looks on a background with the Decimal color 16696742.




This preview shows how white text looks on a background with the Decimal color 16696742.

# 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**  
16761294

# Trichromacy



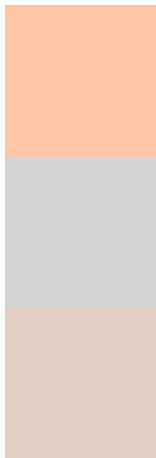
**Original Color**  
16696742

**Protanomaly**  
15388074

**Deuteranomaly**  
16304293

**Tritanomaly**  
16761535

# Monochromacy



**Original Color**  
16696742

**Achromatopsia**  
13882323

**Achromatomaly**  
14929603

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16696742 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 #FEC5A6 looks like.

```
.text, #text, p{  
    color:#FEC5A6  
}
```

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 #FEC5A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEC5A6
}
```

## Border

The CSS property to change the border of an element to Decimal 16696742 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
#FEC5A6 }
```

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

```
.border{ border-color:#FEC5A6 }
```

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

Here you see how a box with a 4 pixel #FEC5A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEC5A6; -webkit-box-shadow:4px 4px  
4px 4px #FEC5A6; box-shadow:4px 4px 4px  
4px #FEC5A6 }
```

# Background

The CSS property to change the background color of an element to Decimal 16696742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEC5A6 }
```

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

```
.background{ background-color:#FEC5A6 }
```

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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