

# Converting Colors

Decimal(16500086)

Have a look what the booklet for  
Decimal(16500086) contains.

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# **Color**

**Decimal(16500086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBC576
RGB	251, 197, 118
RGB Percent	98%, 77%, 46%
CMY	0.0157, 0.2275, 0.5373
CMYK	0.00, 0.22, 0.53, 0.02
HSL	36°, 94%, 72%
HSV	36°, 53%, 98%
XYZ	63.0199, 61.7497, 25.7369
YIQ	204.1400, 57.5430, -13.1210

# Conversions

## Conversions Part 2

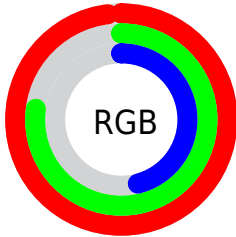
Format	Color
R <sub>Y</sub> B	209, 251, 118
Decimal	16500086
CIE Lab	82.78, 10.22, 46.65
CIE LCh	83, 47.757, 77.643
Yxy	61.7497, 0.4187, 0.4103
Android (android.graphics.Color)	4294690166 (0xFFFB576)
YUV	204.1400, -42.4670, 41.0962
Hunter-Lab	78.5810, 5.6356, 35.5880

# Details

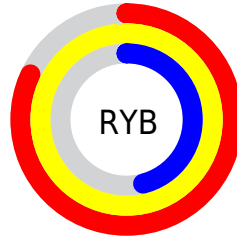
The Decimal color **16500086** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7777531**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16776876**, and **12619587** is the 20% darker color. If you saturate the color by 10%, you get **16497501**, and if you desaturate by 10%, it is **16502671**.

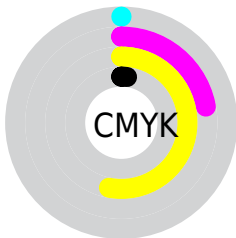
# Distribution



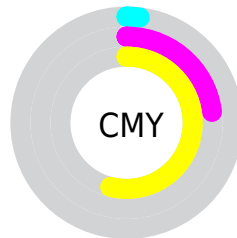
- Red (98%)
- Green (77%)
- Blue (46%)



- Red (82%)
- Yellow (98%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (53%)
- Black (2%)

















- Cyan (2%)
- Magenta (23%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16500086 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 16500086 by changing the saturation by 10% instead.



 16500086	 16500086
16777215	 14527068
 16776876	 12619587
 16777159	 10712618
 16777188	 8805647
	 7030272
	 5254912
	 3480320
	 1966592
	 0

■ 16500086

■ 16500086

■ 16497501

■ 16502671

■ 16494916

■ 16505256

■ 16492075

■ 16508097

■ 16489490

■ 16510682

■ 16487680

■ 16513267

■ 16515071

# Harmonies

## Analogous

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



16758158



16500086



13685879

# Triad

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



16500086



59112



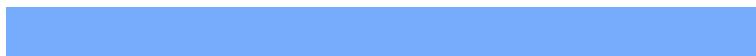
16038399

# Complementary

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



16500086



7777531

# 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.



12044799



16500086



58111

# Square

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



16500086



6284729



6543615



16755939

# Rectangle

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



16500086



11524997



6543615



14860031

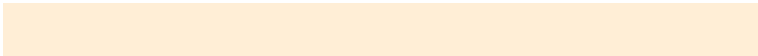


# Sweetspot

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



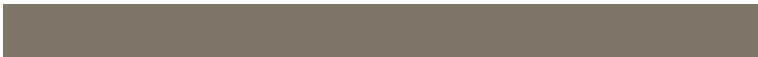
16500086



16772822



16479917



8418919



0



8421504



# Same Dimension

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



16500086



16760156



15793014



8222832



12414976

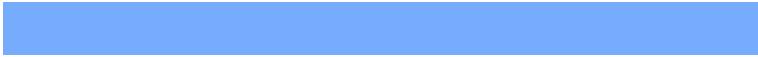


4006912



# Inverse Universe

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



7777531



6070015



8484603



7370365



19901



6461



# Previews

## White Background



This preview shows how the Decimal color 16500086 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 16500086 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 16500086 Background



This preview shows how black text looks on a background with the Decimal color 16500086.




This preview shows how white text looks on a background with the Decimal color 16500086.

# 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**  
16760010

# Trichromacy



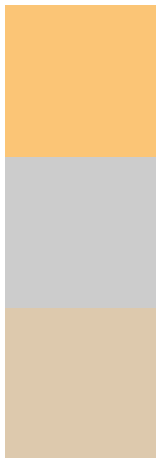
**Original Color**  
16500086

**Protanomaly**  
15453048

**Deuteranomaly**  
16500086

**Tritanomaly**  
16695211

# Monochromacy



**Original Color**  
16500086

**Achromatopsia**  
13421772

**Achromatomaly**  
14535085

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16500086 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 #FBC576 looks like.

```
.text, #text, p{  
  color:#FBC576  
}
```

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 #FBC576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBC576
}
```

## Border

The CSS property to change the border of an element to Decimal 16500086 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
#FBC576 }
```

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

```
.border{ border-color:#FBC576 }
```

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

Here you see how a box with a 4 pixel #FBC576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBC576; -webkit-box-shadow:4px 4px  
4px 4px #FBC576; box-shadow:4px 4px 4px  
4px #FBC576 }
```

# Background

The CSS property to change the background color of an element to Decimal 16500086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBC576 }
```

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

```
.background{ background-color:#FBC576 }
```

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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