

# Converting Colors

Decimal(16046186)

Have a look what the booklet for  
Decimal(16046186) contains.

<b>Decimal(16046186)</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(16046186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D86A
RGB	244, 216, 106
RGB Percent	96%, 85%, 42%
CMY	0.0431, 0.1529, 0.5843
CMYK	0.00, 0.11, 0.57, 0.04
HSL	48°, 86%, 69%
HSV	48°, 57%, 96%
XYZ	64.4656, 69.3854, 23.6307
YIQ	211.8320, 51.9980, -28.2740

# Conversions

## Conversions Part 2

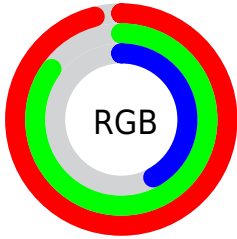
Format	Color
<a href="#">RYB</a>	<a href="#">141, 244, 106</a>
Decimal	<a href="#">16046186</a>
CIELab	<a href="#">86.69, -3.34, 56.87</a>
CIELCh	<a href="#">87, 56.968, 93.365</a>
Yxy	<a href="#">69.3854, 0.4094, 0.4406</a>
Android (android.graphics.Color)	<a href="#">4294236266</a> ( <a href="#">0xFFFF4D86A</a> )
YUV	<a href="#">211.8320, -52.1752, 28.2113</a>
Hunter-Lab	<a href="#">83.2979, -7.6273, 41.4886</a>

# Details

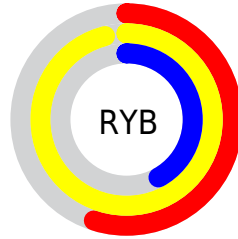
The Decimal color **16046186** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6981364**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **16777120**, and **12165429** is the 20% darker color. If you saturate the color by 10%, you get **16044882**, and if you desaturate by 10%, it is **16047490**.

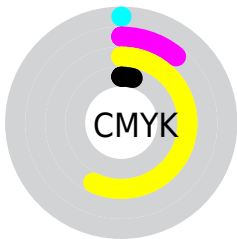
# Distribution



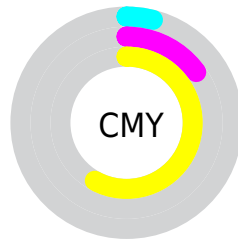
- Red (96%)
- Green (85%)
- Blue (42%)



- Red (55%)
- Yellow (96%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (57%)
- Black (4%)


















- Cyan (4%)
- Magenta (15%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16046186 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 16046186 by changing the saturation by 10% instead.



 16046186	 16046186
16777215	 14072912
 16777120	 12165429
 16777148	 10258199
 16777177	 8416768
 16777206	 6641152
	 4865792
	 3156480
	 1512960
	 0

 16046186

 16046186

 16044882

 16047490

 16043577

 16048795

 16042273

 16050099

 16040968

 16051404

 16040448

 16052708

 16054012

 16055295

 16056319

# Harmonies

## Analogous

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



16762233



16046186



12380028

# Triad

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



16046186



62463



16758271

# Complementary

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



16046186



6981364

# 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.



15124991



16046186



60415

# Square

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



16046186



62942



9035263



16755925

# Rectangle

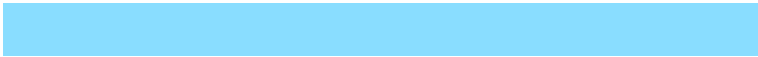
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16046186



9432726



9035263



16759807



# Sweetspot

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



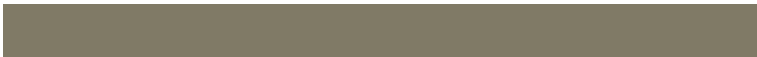
16046186



16774868



16018056



8419942



0



8421504



# Same Dimension

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



16046186



16768082



13497450



8026222



12227584



3878656



# Inverse Universe

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



6981364



5404159



9530100



7238010



9914

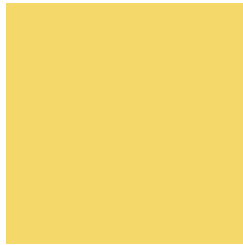


3131



# Previews

## White Background



This preview shows how the Decimal color 16046186 looks on a white background.

## Color Contrast Check

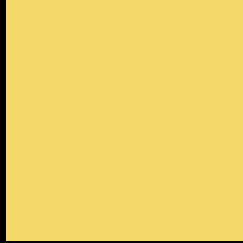
Large Text (above 18pt) WCAG AA × Fail

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 16046186 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 16046186 Background



This preview shows how black text looks on a background with the Decimal color 16046186.

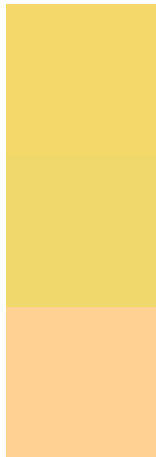


This preview shows how white text looks on a background with the Decimal color 16046186.

# 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**  
16046186

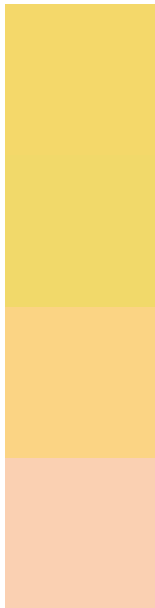
**Protanopia**  
15784298

**Deuteranopia**  
16765587



**Tritanopia**  
16698587

# Trichromacy



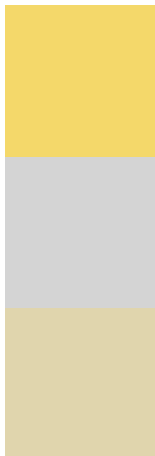
**Original Color**  
16046186

**Protanomaly**  
15849834

**Deuteranomaly**  
16503940

**Tritanomaly**  
16437426

# Monochromacy



**Original Color**  
16046186

**Achromatopsia**  
13948116

**Achromatomaly**  
14734765

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16046186 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 #F4D86A looks like.

```
.text, #text, p{  
    color:#F4D86A  
}
```

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 #F4D86A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4D86A
}
```

## Border

The CSS property to change the border of an element to Decimal 16046186 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
#F4D86A }
```

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

```
.border{ border-color:#F4D86A }
```

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

Here you see how a box with a 4 pixel #F4D86A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4D86A; -webkit-box-shadow:4px 4px  
4px 4px #F4D86A; box-shadow:4px 4px 4px  
4px #F4D86A }
```

# Background

The CSS property to change the background color of an element to Decimal 16046186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4D86A }
```

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

```
.background{ background-color:#F4D86A }
```

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