

# Converting Colors

Decimal(15976306)

Have a look what the booklet for  
Decimal(15976306) contains.

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# **Color**

**Decimal(15976306)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3C772
RGB	243, 199, 114
RGB Percent	95%, 78%, 45%
CMY	0.0471, 0.2196, 0.5529
CMYK	0.00, 0.18, 0.53, 0.05
HSL	40°, 84%, 70%
HSV	40°, 53%, 95%
XYZ	60.4228, 61.1164, 24.5316
YIQ	202.4660, 53.5090, -17.1070

# Conversions

## Conversions Part 2

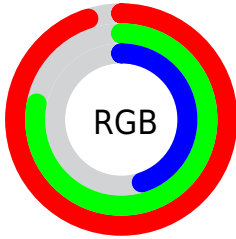
Format	Color
RYP	181, 243, 114
Decimal	15976306
CIELab	82.44, 5.61, 48.03
CIElCh	82, 48.354, 83.341
Yxy	61.1164, 0.4137, 0.4184
Android (android.graphics.Color)	4294166386 (0xFFFF3C772)
YUV	202.4660, -43.6137, 35.5483
Hunter-Lab	78.1770, 1.1525, 36.1190

# Details

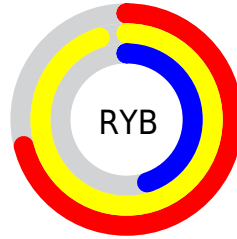
The Decimal color **15976306** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7511795**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **16777128**, and **12095807** is the 20% darker color. If you saturate the color by 10%, you get **15974234**, and if you desaturate by 10%, it is **15978378**.

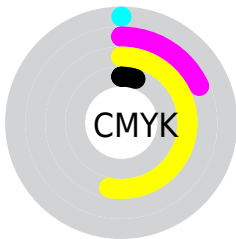
# Distribution



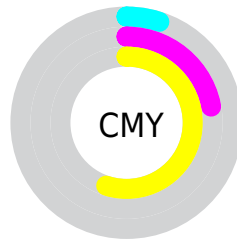
- Red (95%)
- Green (78%)
- Blue (45%)



- Red (71%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (53%)
- Black (5%)

















- Cyan (5%)
- Magenta (22%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15976306 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 15976306 by changing the saturation by 10% instead.



 15976306	 15976306
16777215	 14003288
 16777128	 12095807
 16777155	 10254373
 16777184	 8412935
16777213	 6572032
	 4862208
	 3153152
	 1508352
	 0

 15976306

 15976306

 15974234

 15978378

 15971905

 15980707

 15969833

 15982779

 15967761

 15984851

 15966208

 15986923

 15989247

 15990783

# Harmonies

## Analogous

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



16758662



15976306



13030776

# Triad

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



15976306



58864



16561407

# Complementary

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



15976306



7511795

# 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.



12830207



15976306



57599

# Square

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



15976306



5104833



7525887



16755417

# Rectangle

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



15976306



10804361



7525887



15514367

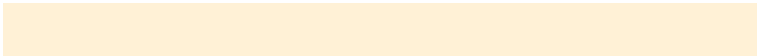


# Sweetspot

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



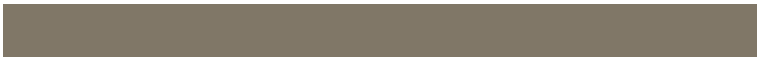
15976306



16773590



15954591



8419175



0



8421504



# Same Dimension

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



15976306



16762716



14742386



8025710



12221184

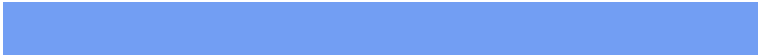


3876608



# Inverse Universe

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



7511795



6067199



8745715



7238266



16314



5179



# Previews

## White Background



This preview shows how the Decimal color 15976306 looks on a white background.

## Color Contrast Check

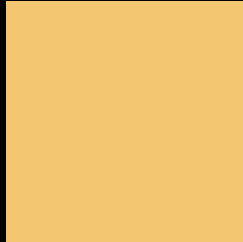
Large Text (above 18pt) WCAG AA × Fail

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 15976306 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

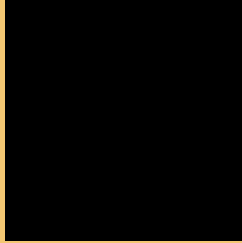
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15976306 Background



This preview shows how black text looks on a background with the Decimal color 15976306.



This preview shows how white text looks on a background with the Decimal color 15976306.

# 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**  
15976306

**Protanopia**  
14798196

**Deuteranopia**  
16499827



**Tritanopia**  
16498123

# Trichromacy



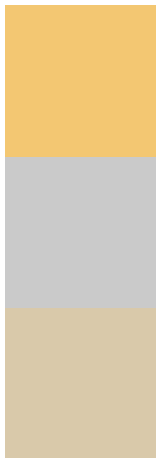
**Original Color**  
15976306

**Protanomaly**  
15256435

**Deuteranomaly**  
16303475

**Tritanomaly**  
16302507

# Monochromacy



**Original Color**  
15976306

**Achromatopsia**  
13290186

**Achromatomaly**  
14272938

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15976306 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 #F3C772 looks like.

```
.text, #text, p{  
  color:#F3C772  
}
```

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 #F3C772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3C772
}
```

## Border

The CSS property to change the border of an element to Decimal 15976306 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
#F3C772 }
```

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

```
.border{ border-color:#F3C772 }
```

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

Here you see how a box with a 4 pixel #F3C772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3C772; -webkit-box-shadow:4px 4px  
4px 4px #F3C772; box-shadow:4px 4px 4px  
4px #F3C772 }
```

# Background

The CSS property to change the background color of an element to Decimal 15976306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3C772 }
```

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

```
.background{ background-color:#F3C772 }
```

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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