

# Converting Colors

Decimal(16700521)

Have a look what the booklet for  
Decimal(16700521) contains.

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# **Color**

**Decimal(16700521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FED469
RGB	254, 212, 105
RGB Percent	100%, 83%, 41%
CMY	0.0039, 0.1686, 0.5882
CMYK	0.00, 0.17, 0.59, 0.00
HSL	43°, 99%, 70%
HSV	43°, 59%, 100%
XYZ	66.9663, 69.1777, 23.1877
YIQ	212.3600, 59.3790, -24.3730

# Conversions

## Conversions Part 2

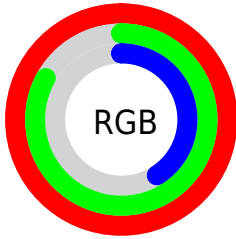
Format	Color
<b>RYB</b>	163, 254, 105
Decimal	16700521
CIELab	86.59, 2.71, 57.45
CIELCh	87, 57.512, 87.302
Yxy	69.1777, 0.4203, 0.4342
Android (android.graphics.Color)	4294890601 (0xFF FED469)
YUV	212.3600, -52.9285, 36.5183
Hunter-Lab	83.1731, -1.8348, 41.6918

# Details

The Decimal color **16700521** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6919166**, and the grayscale version is **14013909**.

A 20% lighter version of the original color is **16777119**, and **12754484** is the 20% darker color. If you saturate the color by 10%, you get **16698704**, and if you desaturate by 10%, it is **16702338**.

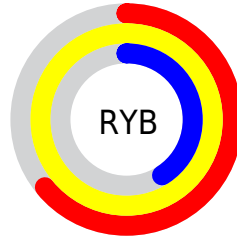
# Distribution



Red (100%)

Green (83%)

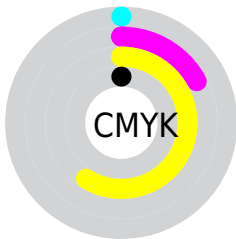
Blue (41%)



Red (64%)

Yellow (100%)

Blue (41%)

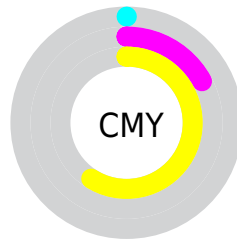


Cyan (0%)

Magenta (17%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (17%)

















Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16700521 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 16700521 by changing the saturation by 10% instead.



 16700521	 16700521
 16777215	 14727247
 16777119	 12754484
 16777147	 10847254
 16777175	 9005824
 16777204	 7164672
	 5323776
	 3614464
	 2036480
	 0

■ 16700521

■ 16700521

■ 16698704

■ 16702338

■ 16696886

■ 16704156

■ 16695069

■ 16705973

■ 16692995

■ 16708047

■ 16692736

■ 16709864

16711679

# Harmonies

## Analogous

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



16760958



16700521



13100148

# Triad

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



16700521



62719



16759039

# Complementary

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



16700521



6919166

# 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.



14011647



16700521



60927

# Square

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



16700521



62674



7266559



16755936

# Rectangle

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



16700521



10349708



7266559



16760575

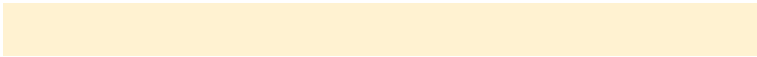


# Sweetspot

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



16700521



16773841



16673171



8419427



0



8421504



# Same Dimension

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



16700521



16764237



14614121



8420467



12552448



4206080



# Inverse Universe

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



6919166



5079039



9005566



7566976



14015



4672



# Previews

## White Background



This preview shows how the Decimal color 16700521 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 16700521 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 16700521 Background



This preview shows how black text looks on a background with the Decimal color 16700521.

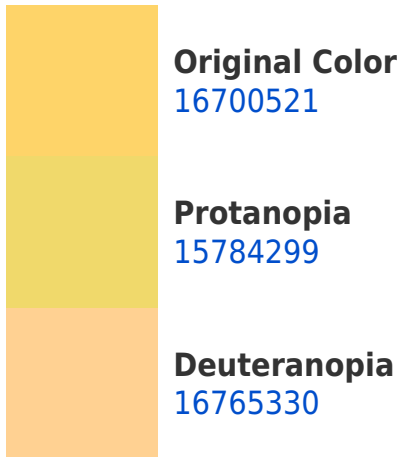



This preview shows how white text looks on a background with the Decimal color 16700521.

# 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**  
16763864

# Trichromacy



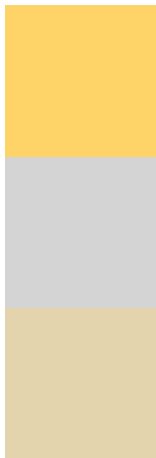
**Original Color**  
16700521

**Protanomaly**  
16111466

**Deuteranomaly**  
16765571

**Tritanomaly**  
16764592

# Monochromacy



**Original Color**  
16700521

**Achromatopsia**  
13948116

**Achromatomaly**  
14931117

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16700521 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 #FED469 looks like.

```
.text, #text, p{  
  color:#FED469  
}
```

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 #FED469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FED469
}
```

## Border

The CSS property to change the border of an element to Decimal 16700521 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
#FED469 }
```

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

```
.border{ border-color:#FED469 }
```

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

Here you see how a box with a 4 pixel #FED469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FED469; -webkit-box-shadow:4px 4px  
4px 4px #FED469; box-shadow:4px 4px 4px  
4px #FED469 }
```

# Background

The CSS property to change the background color of an element to Decimal 16700521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FED469 }
```

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

```
.background{ background-color:#FED469 }
```

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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