

# Converting Colors

Decimal(16762221)

Have a look what the booklet for  
Decimal(16762221) contains.

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# **Color**

**Decimal(16762221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC56D
RGB	255, 197, 109
RGB Percent	100%, 77%, 43%
CMY	0.0000, 0.2275, 0.5725
CMYK	0.00, 0.23, 0.57, 0.00
HSL	36°, 100%, 71%
HSV	36°, 57%, 100%
XYZ	63.9666, 62.2966, 23.1210
YIQ	204.3100, 62.8160, -15.0720

# Conversions

## Conversions Part 2

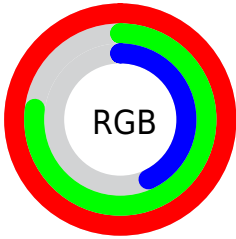
Format	Color
R <sub>Y</sub> B	205, 255, 109
Decimal	16762221
CIE Lab	83.07, 11.14, 51.49
CIE LCh	83, 52.683, 77.794
Yxy	62.2966, 0.4282, 0.4170
Android (android.graphics.Color)	4294952301 (0xFFFFC56D)
YUV	204.3100, -46.9878, 44.4551
Hunter-Lab	78.9282, 6.5391, 37.8815

# Details

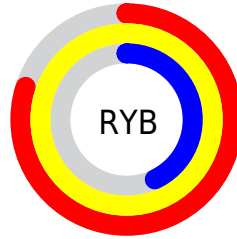
The Decimal color **16762221** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7186431**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16776867**, and **12816186** is the 20% darker color. If you saturate the color by 10%, you get **16759636**, and if you desaturate by 10%, it is **16764807**.

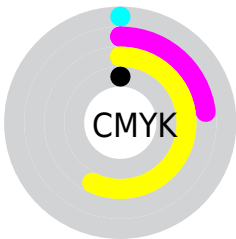
# Distribution



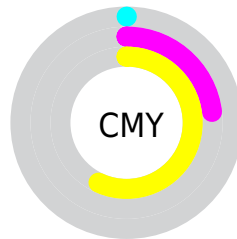
- Red (100%)
- Green (77%)
- Blue (43%)



- Red (80%)
- Yellow (100%)
- Blue (43%)



- Cyan (0%)
- Magenta (23%)
- Yellow (57%)
- Black (0%)



















- Cyan (0%)
- Magenta (23%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16762221 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 16762221 by changing the saturation by 10% instead.



 16762221	 16762221
 16777215	 14789203
 16776867	 12816186
 16777150	 10909215
 16777179	 9002240
 16777207	 7161344
	 5386240
	 3611392
	 2032128
	 0

 16762221

 16762221

 16759636

 16764807

 16757050

 16767392

 16754465

 16769978

 16751623

 16772819

 16751104

 16775405

16777215

# Harmonies

## Analogous

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



16757639



16762221



13686126

# Triad

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



16762221



59884



16300031

# Complementary

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



16762221



7186431

# 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.



11848447



16762221



58623

# Square

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



16762221



4974520



4905727



16755173

# Rectangle

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



16762221



11329150



4905727



14990847

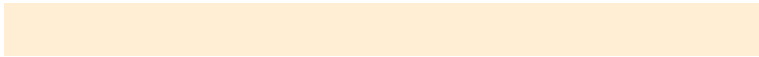


# Sweetspot

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



16762221



16772820



16739751



8418662



0



8421504



# Same Dimension

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



16762221



16759119



15794029



8419955



12546816

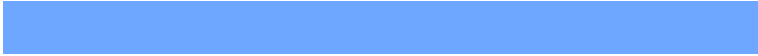


4204032

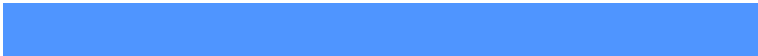


# Inverse Universe

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



7186431



5215743



8154623



7567488



19647



6464



# Previews

## White Background



This preview shows how the Decimal color 16762221 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 16762221 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 16762221 Background



This preview shows how black text looks on a background with the Decimal color 16762221.



This preview shows how white text looks on a background with the Decimal color 16762221.

# 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**  
16762221

**Protanopia**  
14995313

**Deuteranopia**  
16696685



**Tritanopia**  
16760522

# Trichromacy



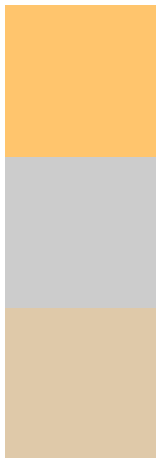
**Original Color**  
16762221

**Protanomaly**  
15649648

**Deuteranomaly**  
16696685

**Tritanomaly**  
16761256

# Monochromacy



**Original Color**  
16762221

**Achromatopsia**  
13421772

**Achromatomaly**  
14666153

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16762221 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 #FFC56D looks like.

```
.text, #text, p{  
    color:#FFC56D  
}
```

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 #FFC56D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC56D
}
```

## Border

The CSS property to change the border of an element to Decimal 16762221 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
#FFC56D }
```

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

```
.border{ border-color:#FFC56D }
```

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

Here you see how a box with a 4 pixel #FFC56D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC56D; -webkit-box-shadow:4px 4px  
4px 4px #FFC56D; box-shadow:4px 4px 4px  
4px #FFC56D }
```

# Background

The CSS property to change the background color of an element to Decimal 16762221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC56D }
```

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

```
.background{ background-color:#FFC56D }
```

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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