

# Converting Colors

Decimal(16766827)

Have a look what the booklet for  
Decimal(16766827) contains.

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# **Color**

**Decimal(16766827)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD76B
RGB	255, 215, 107
RGB Percent	100%, 84%, 42%
CMY	0.0000, 0.1569, 0.5804
CMYK	0.00, 0.16, 0.58, 0.00
HSL	44°, 100%, 71%
HSV	44°, 58%, 100%
XYZ	68.1943, 70.9224, 24.0051
YIQ	214.6480, 58.5080, -25.1080

# Conversions

## Conversions Part 2

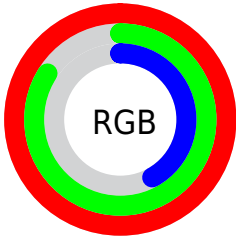
Format	Color
<a href="#">RYB</a>	<a href="#">162, 255, 107</a>
Decimal	<a href="#">16766827</a>
CIELab	<a href="#">87.45, 1.72, 57.54</a>
CIELCh	<a href="#">87, 57.562, 88.284</a>
Yxy	<a href="#">70.9224, 0.4181, 0.4348</a>
Android (android.graphics.Color)	<a href="#">4294956907</a> ( <a href="#">0xFFFFD76B</a> )
YUV	<a href="#">214.6480, -53.0705, 35.3887</a>
Hunter-Lab	<a href="#">84.2154, -2.8349, 42.0506</a>

# Details

The Decimal color **16766827** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7050239**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777121**, and **12820790** is the 20% darker color. If you saturate the color by 10%, you get **16765010**, and if you desaturate by 10%, it is **16768645**.

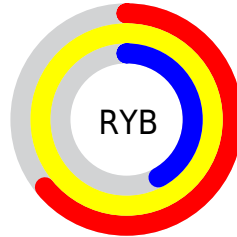
# Distribution



Red (100%)

Green (84%)

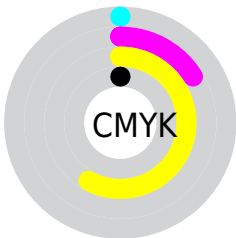
Blue (42%)



Red (64%)

Yellow (100%)

Blue (42%)

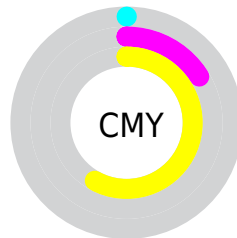


Cyan (0%)

Magenta (16%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (16%)
















Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16766827 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 16766827 by changing the saturation by 10% instead.



 16766827	 16766827
16777215	 14793553
 16777121	 12820790
 16777149	 10913560
 16777178	 9071872
 16777207	 7230720
	 5455360
	 3680512
	 2102528
	 0

■ 16766827

■ 16766827

■ 16765010

■ 16768645

■ 16763192

■ 16770462

■ 16761375

■ 16772280

■ 16759557

■ 16774097

■ 16759296

■ 16775659

16777215

# Harmonies

## Analogous

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



16761727



16766827



13166455

# Triad

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



16766827



63231



16759551

# Complementary

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



16766827



7050239

# 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.



14339839



16766827



61695

# Square

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



16766827



63446



7725823



16756449

# Rectangle

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



16766827



10350480



7725823



16761087



# Sweetspot

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



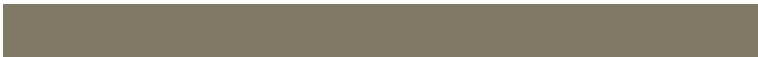
16766827



16774100



16739221



8419686



0



8421504



# Same Dimension

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



16766827



16764749



14679915



8420467



12553216



4206336



# Inverse Universe

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



7050239



5078527



9137151



7566976



13503



4416



# Previews

## White Background



This preview shows how the Decimal color 16766827 looks on a white background.

## Color Contrast Check

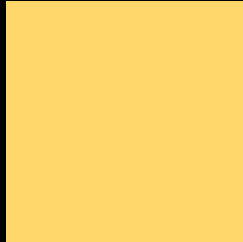
Large Text (above 18pt) WCAG AA × Fail

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 16766827 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 16766827 Background



This preview shows how black text looks on a background with the Decimal color 16766827.

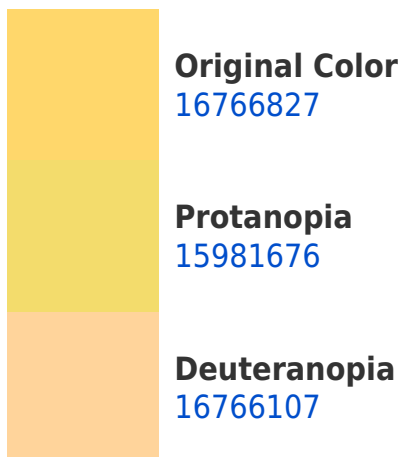



This preview shows how white text looks on a background with the Decimal color 16766827.

# 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**  
16764891

# Trichromacy



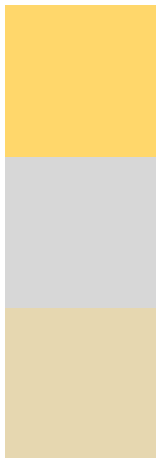
**Original Color**  
16766827

**Protanomaly**  
16243308

**Deuteranomaly**  
16766346

**Tritanomaly**  
16765618

# Monochromacy



**Original Color**  
16766827

**Achromatopsia**  
14145495

**Achromatomaly**  
15128496

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16766827 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 #FFD76B looks like.

```
.text, #text, p{  
  color:#FFD76B  
}
```

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 #FFD76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD76B
}
```

## Border

The CSS property to change the border of an element to Decimal 16766827 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
#FFD76B }
```

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

```
.border{ border-color:#FFD76B }
```

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

Here you see how a box with a 4 pixel #FFD76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD76B; -webkit-box-shadow:4px 4px  
4px 4px #FFD76B; box-shadow:4px 4px 4px  
4px #FFD76B }
```

# Background

The CSS property to change the background color of an element to Decimal 16766827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD76B }
```

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

```
.background{ background-color:#FFD76B }
```

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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