

# Converting Colors

Decimal(16763020)

Have a look what the booklet for  
Decimal(16763020) contains.

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# **Color**

**Decimal(16763020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC88C
RGB	255, 200, 140
RGB Percent	100%, 78%, 55%
CMY	0.0000, 0.2157, 0.4510
CMYK	0.00, 0.22, 0.45, 0.00
HSL	31°, 100%, 77%
HSV	31°, 45%, 100%
XYZ	66.6279, 64.4620, 33.7417
YIQ	209.6050, 52.0400, -7.0000

# Conversions

## Conversions Part 2

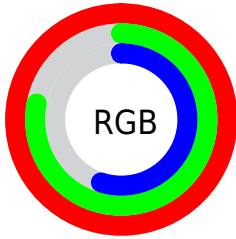
Format	Color
R <sub>Y</sub> B	245, 255, 140
Decimal	16763020
CIE Lab	84.21, 12.24, 37.43
CIE LCh	84, 39.378, 71.888
Yxy	64.4620, 0.4042, 0.3911
Android (android.graphics.Color)	4294953100 (0xFFFFC88C)
YUV	209.6050, -34.3153, 39.8114
Hunter-Lab	80.2882, 7.6254, 31.2847

# Details

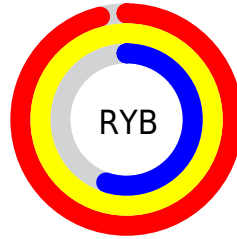
The Decimal color **16763020** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9225215**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16777154**, and **12882521** is the 20% darker color. If you saturate the color by 10%, you get **16759923**, and if you desaturate by 10%, it is **16766118**.

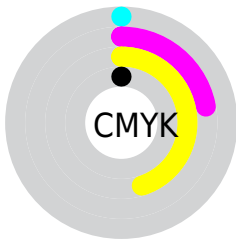
# Distribution



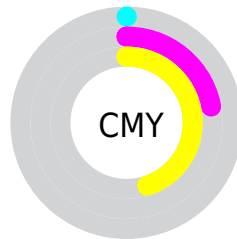
- Red (100%)
- Green (78%)
- Blue (55%)



- Red (96%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16763020 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 16763020 by changing the saturation by 10% instead.



 16763020

 16763020

16777215

 14790002

 16777154

 12882521

 16777182

 10975297

 16777211

 9134121

 7358481

 5583104

 3873792

 2295040

 0

 16763020

 16763020

 16759923

 16766118

 16756825

 16769215

 16753472

 16772569

 16750374

 16775666

 16747277

16777215

 16745728

# Harmonies

## Analogous

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



16759970



16763020



14538121

# Triad

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



16763020



6088416



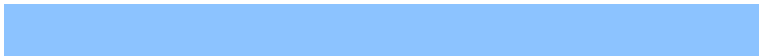
15385599

# Complementary

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



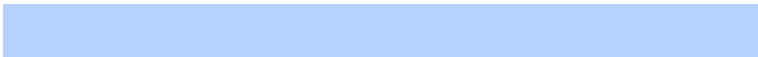
16763020



9225215

# 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.



11981311



16763020



5367039

# Square

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



16763020



8906170



8183039



16759274

# Rectangle

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



16763020



12770450



8183039



14338303

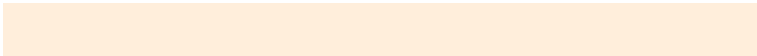


# Sweetspot

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



16763020



16772827



16747716



8418666



0



8421504



# Same Dimension

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



16763020



16760181



16646028



8419699



12542976

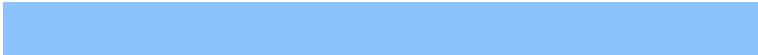


4202752

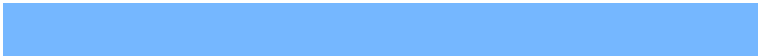


# Inverse Universe

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



9225215



7714815



9342207



7567744



23487



7744



# Previews

## White Background



This preview shows how the Decimal color 16763020 looks on a white background.

## Color Contrast Check

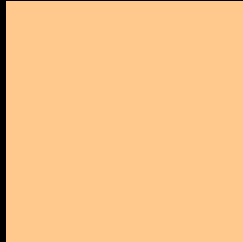
Large Text (above 18pt) WCAG AA × Fail

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 16763020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

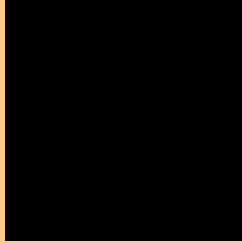
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16763020 Background



This preview shows how black text looks on a background with the Decimal color 16763020.



This preview shows how white text looks on a background with the Decimal color 16763020.

# 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**  
16761551

# Trichromacy



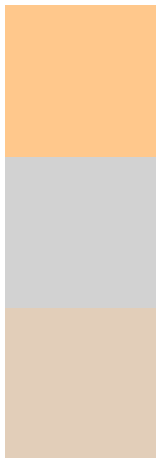
**Original Color**  
16763020

**Protanomaly**  
15650447

**Deuteranomaly**  
16632204

**Tritanomaly**  
16762039

# Monochromacy



**Original Color**  
16763020

**Achromatopsia**  
13816530

**Achromatomaly**  
14864057

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16763020 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 #FFC88C looks like.

```
.text, #text, p{  
    color:#FFC88C  
}
```

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 #FFC88C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC88C
}
```

## Border

The CSS property to change the border of an element to Decimal 16763020 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
#FFC88C }
```

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

```
.border{ border-color:#FFC88C }
```

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

Here you see how a box with a 4 pixel #FFC88C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC88C; -webkit-box-shadow:4px 4px  
4px 4px #FFC88C; box-shadow:4px 4px 4px  
4px #FFC88C }
```

# Background

The CSS property to change the background color of an element to Decimal 16763020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC88C }
```

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

```
.background{ background-color:#FFC88C }
```

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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