

# Converting Colors

Decimal(16762055)

Have a look what the booklet for  
Decimal(16762055) contains.

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# **Color**

**Decimal(16762055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC4C7
RGB	255, 196, 199
RGB Percent	100%, 77%, 78%
CMY	0.0000, 0.2314, 0.2196
CMYK	0.00, 0.23, 0.22, 0.00
HSL	357°, 100%, 88%
HSV	357°, 23%, 100%
XYZ	71.2887, 64.8634, 62.7954
YIQ	213.9830, 34.2010, 13.4410

# Conversions

## Conversions Part 2

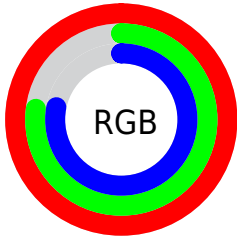
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 196, 199
Decimal	16762055
CIE <sub>Lab</sub>	84.41, 21.47, 6.65
CIE <sub>LCh</sub>	84, 22.478, 17.208
Y <sub>xy</sub>	64.8634, 0.3583, 0.3260
Android (android.graphics.Color)	4294952135 (0xFFFFC4C7)
Y <sub>UV</sub>	213.9830, -7.3866, 35.9719
Hunter-Lab	80.5378, 17.0597, 10.1480

# Details

The Decimal color **16762055** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **12910588**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16776703**, and **12947089** is the 20% darker color. If you saturate the color by 10%, you get **16755631**, and if you desaturate by 10%, it is **16768735**.

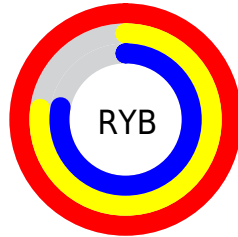
# Distribution



Red (100%)

Green (77%)

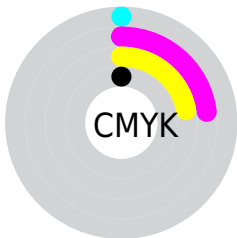
Blue (78%)



Red (100%)

Yellow (77%)

Blue (78%)

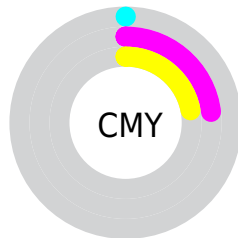


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (23%)













Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16762055 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 16762055 by changing the saturation by 10% instead.



 16762055	 16762055
16777215	 14854572
 16776703	 12947089
	 11105400
	 9329503
	 7619399
	 5909553
	 4265500
	 2818049
	 0

 16762055

 16762055

 16755631

 16768735

 16748951

 16775159

 16742526

16777215

 16735846

 16729422

 16722742

 16716318

 16711693

# Harmonies

## Analogous

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



16303581



16762055



16435380

# Triad

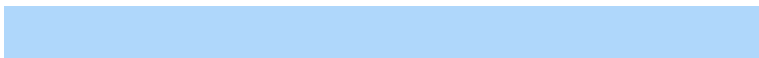
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16762055



12508085



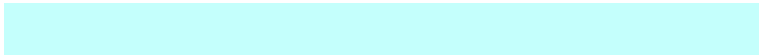
11524091

# Complementary

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



16762055



12910588

# 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.



10280177



16762055



11067081

# Square

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



16762055



14079402



10149854



13357307

# Rectangle

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



16762055



15846572



10149854



11000313



# Sweetspot

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



16762055



16772590



16499967



8418678



0



8421504



# Same Dimension

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



16762055



16758971



16768708



8418163



12517386



4194307



# Inverse Universe

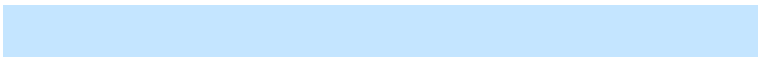
The Inverse Universe completely reimagines the original color for something new.



16762055



16758971



12903935



8418163



12517386



4194307



# Previews

## White Background



This preview shows how the Decimal color 16762055 looks on a white background.

## Color Contrast Check

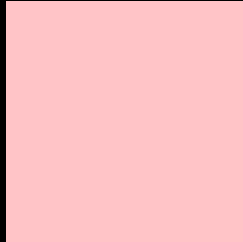
Large Text (above 18pt) WCAG AA × Fail

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 16762055 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 16762055 Background



This preview shows how black text looks on a background with the Decimal color 16762055.

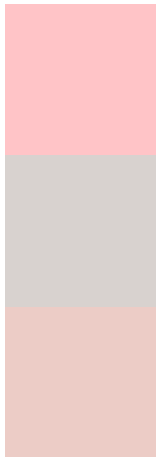


This preview shows how white text looks on a background with the Decimal color 16762055.

# 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**  
16762055

**Protanopia**  
14209743

**Deuteranopia**  
15518918



**Tritanopia**  
16761809

# Trichromacy



**Original Color**  
16762055

**Protanomaly**  
15125964

**Deuteranomaly**  
15976902

**Tritanomaly**  
16761805

# Monochromacy



**Original Color**  
16762055

**Achromatopsia**  
14079702

**Achromatomaly**  
15060945

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16762055 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 #FFC4C7 looks like.

```
.text, #text, p{  
    color:#FFC4C7  
}
```

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 #FFC4C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC4C7
}
```

## Border

The CSS property to change the border of an element to Decimal 16762055 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
#FFC4C7 }
```

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

```
.border{ border-color:#FFC4C7 }
```

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

Here you see how a box with a 4 pixel #FFC4C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC4C7; -webkit-box-shadow:4px 4px  
4px 4px #FFC4C7; box-shadow:4px 4px 4px  
4px #FFC4C7 }
```

# Background

The CSS property to change the background color of an element to Decimal 16762055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC4C7 }
```

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

```
.background{ background-color:#FFC4C7 }
```

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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