

# Converting Colors

Decimal(16024461)

Have a look what the booklet for  
Decimal(16024461) contains.

<b>Decimal(16024461)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16024461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4838D
RGB	244, 131, 141
RGB Percent	96%, 51%, 55%
CMY	0.0431, 0.4863, 0.4471
CMYK	0.00, 0.46, 0.42, 0.04
HSL	355°, 84%, 74%
HSV	355°, 46%, 96%
XYZ	50.2322, 37.3888, 29.7685
YIQ	165.9270, 64.1380, 27.0660

# Conversions

## Conversions Part 2

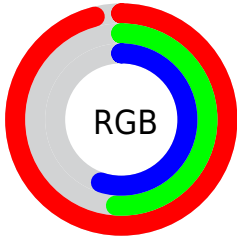
Format	Color
<a href="#">RYB</a>	<a href="#">244, 131, 141</a>
Decimal	<a href="#">16024461</a>
CIELab	<a href="#">67.57, 44.05, 14.28</a>
CIELCh	<a href="#">68, 46.301, 17.958</a>
Yxy	<a href="#">37.3888, 0.4279, 0.3185</a>
Android (android.graphics.Color)	<a href="#">4294214541 (0xFFFF4838D)</a>
YUV	<a href="#">165.9270, -12.2890, 68.4700</a>
Hunter-Lab	<a href="#">61.1464, 39.6331, 13.9377</a>

# Details

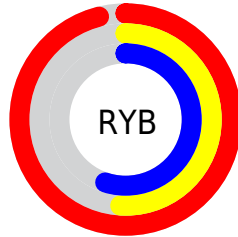
The Decimal color **16024461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **8647914**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16759491**, and **12078683** is the 20% darker color. If you saturate the color by 10%, you get **16018295**, and if you desaturate by 10%, it is **16030627**.

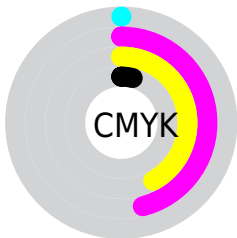
# Distribution



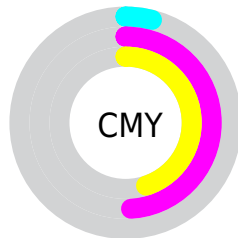
- Red (96%)
- Green (51%)
- Blue (55%)



- Red (96%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (4%)



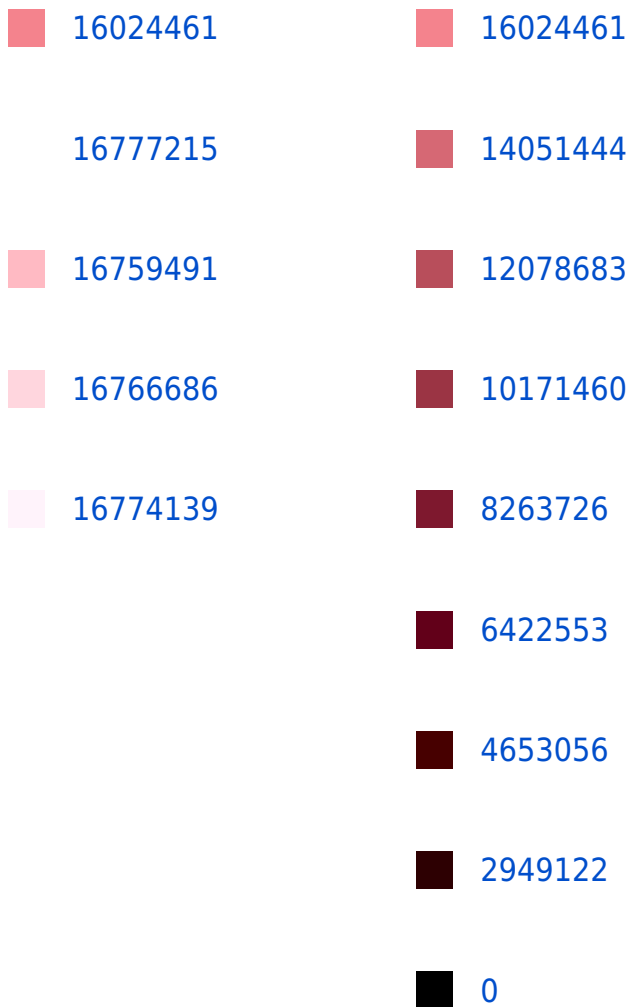
- Cyan (4%)
- Magenta (49%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16024461 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 16024461 by changing the saturation by 10% instead.





16024461 16024461

 16018295

 16030627

 16011873

 16037049

 16005706

 16043216

 15999284

 16049638

 15993118

 16055804

 15990806

 16056319

# Harmonies

## Analogous

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



15369399



16024461



15306088

# Triad

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



16024461



7713899



2993910

# Complementary

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



16024461



8647914

# 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.



46817



16024461



3193234

# Square

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



16024461



10857042



47805



9281780

# Rectangle

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



16024461



14128983



47805



45553



# Sweetspot

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



16024461



16767966



15303668



8415852



0



8421504



# Same Dimension

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



16024461



16740477



16035971



8023663



12189712



3866629



# Inverse Universe

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



16024461



16740477



8636404



8023663



12189712



3866629



# Previews

## White Background



This preview shows how the Decimal color 16024461 looks on a white background.

## Color Contrast Check

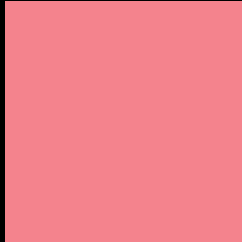
Large Text (above 18pt) WCAG AA × Fail

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 16024461 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 16024461 Background



This preview shows how black text looks on a background with the Decimal color 16024461.



This preview shows how white text looks on a background with the Decimal color 16024461.

# 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**  
16024461

# Trichromacy



**Original Color**  
16024461



**Protanomaly**  
12884120



**Deuteranomaly**  
13800842



**Tritanomaly**  
16024461

# Monochromacy



**Original Color**  
16024461



**Achromatopsia**  
10921638



**Achromatomaly**  
12753309

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16024461 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 #F4838D looks like.

```
.text, #text, p{  
    color:#F4838D  
}
```

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 #F4838D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4838D
}
```

## Border

The CSS property to change the border of an element to Decimal 16024461 is called "border". The border property can be set on classes, ids or directly on the HTML element.

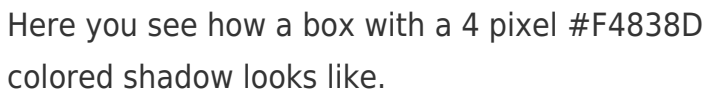
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F4838D }
```

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

```
.border{ border-color:#F4838D }
```

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



Here you see how a box with a 4 pixel #F4838D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4838D; -webkit-box-shadow:4px 4px  
4px 4px #F4838D; box-shadow:4px 4px 4px  
4px #F4838D }
```

# Background

The CSS property to change the background color of an element to Decimal 16024461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4838D }
```

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

```
.background{ background-color:#F4838D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor