

# Converting Colors

Decimal(16253098)

Have a look what the booklet for  
Decimal(16253098) contains.

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**Color**

**Decimal(16253098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F800AA
RGB	248, 0, 170
RGB Percent	97%, 0%, 67%
CMY	0.0275, 1.0000, 0.3333
CMYK	0.00, 1.00, 0.31, 0.03
HSL	319°, 100%, 49%
HSV	319°, 100%, 97%
XYZ	45.9671, 22.8587, 40.0197
YIQ	93.5320, 93.2380, 105.4460

# Conversions

## Conversions Part 2

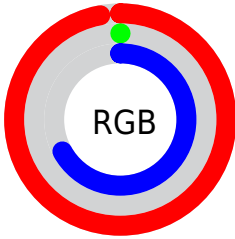
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 0, 170
Decimal	16253098
CIE <sub>Lab</sub>	54.93, 86.75, -20.98
CIE <sub>LCh</sub>	55, 89.252, 346.407
Yxy	22.8587, 0.4223, 0.2100
Android (android.graphics.Color)	4294443178 (0xFFFF800AA)
YUV	93.5320, 37.6987, 135.4684
Hunter-Lab	47.8108, 87.9476, -16.1606

# Details

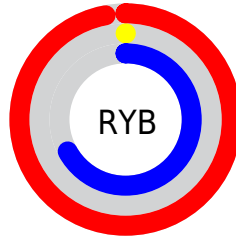
The Decimal color **16253098** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **63566**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **16737505**, and **12189814** is the 20% darker color. If you saturate the color by 10%, you get **16253098**, and if you desaturate by 10%, it is **16259506**.

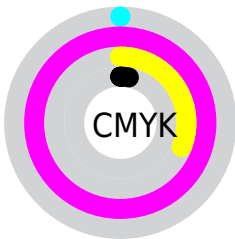
# Distribution



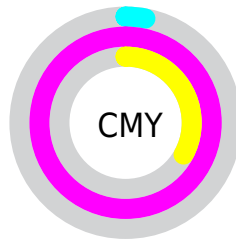
- Red (97%)
- Green (0%)
- Blue (67%)



- Red (97%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (3%)



















- Cyan (3%)
- Magenta (100%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16253098 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 16253098 by changing the saturation by 10% instead.



 16253098	 16253098
 16777215	 14221455
 16737505	 12189814
 16745726	 10158173
 16753663	 8192069
 16761599	 6225967
 16769279	 4325402
	 2359297
	 0

 16253098

 16259506

 16265914

 16272065

 16278473

 16284881

 16291289

 16297697

 16303848

 16310256

# Harmonies

## Analogous

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



12080368



16253098



16711773

# Triad

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



16253098



7900416



41459

# Complementary

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



16253098



63566

# 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.



41901



16253098



39680

# Square

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



16253098



12350208



41308



38911

# Rectangle

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



16253098



16397355



41308



41950



# Sweetspot

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



16253098



16757735



4849912



8409713



0



8421504



# Same Dimension

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



16253098



16711855



16252978



8220793



12386433



3997738



# Inverse Universe

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



16253098



16711855



63686



8220793



12386433



3997738



# Previews

## White Background



This preview shows how the Decimal color 16253098 looks on a white background.

## Color Contrast Check

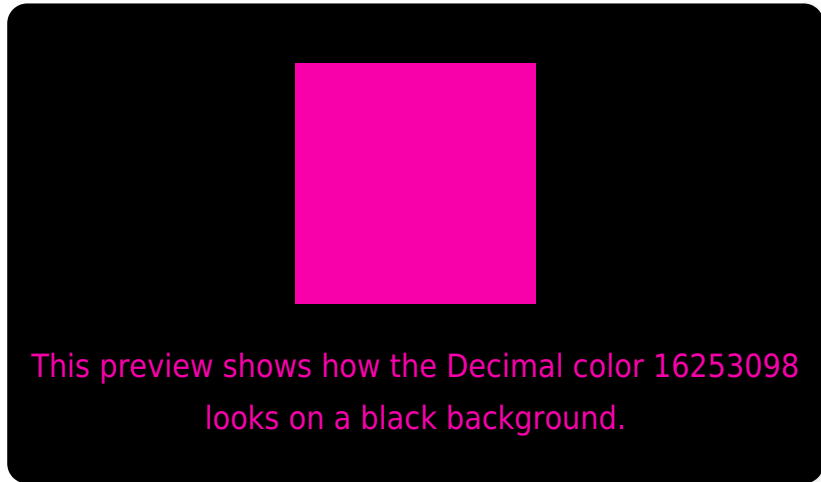
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

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



## Decimal 16253098 Background



This preview shows how black text looks on a background with the Decimal color 16253098.



This preview shows how white text looks on a background with the Decimal color 16253098.

# 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





# Trichromacy



**Original Color**  
16253098



**Protanomaly**  
9130712



**Deuteranomaly**  
11490211



**Tritanomaly**  
16001898

# Monochromacy



**Original Color**  
16253098



**Achromatopsia**  
6184542



**Achromatomaly**  
9845882

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16253098 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 #F800AA looks like.

```
.text, #text, p{  
  color:#F800AA  
}
```

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 #F800AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F800AA
}
```

## Border

The CSS property to change the border of an element to Decimal 16253098 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
#F800AA }
```

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

```
.border{ border-color:#F800AA }
```

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

Here you see how a box with a 4 pixel #F800AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F800AA; -webkit-box-shadow:4px 4px  
4px 4px #F800AA; box-shadow:4px 4px 4px  
4px #F800AA }
```

# Background

The CSS property to change the background color of an element to Decimal 16253098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F800AA }
```

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

```
.background{ background-color:#F800AA }
```

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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