

# Converting Colors

Decimal(16409770)

Have a look what the booklet for  
Decimal(16409770) contains.

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# **Color**

**Decimal(16409770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA64AA
RGB	250, 100, 170
RGB Percent	98%, 39%, 67%
CMY	0.0196, 0.6078, 0.3333
CMYK	0.00, 0.60, 0.32, 0.02
HSL	332°, 94%, 69%
HSV	332°, 60%, 98%
XYZ	51.2372, 32.3406, 41.5721
YIQ	152.8300, 66.9300, 53.5700

# Conversions

## Conversions Part 2

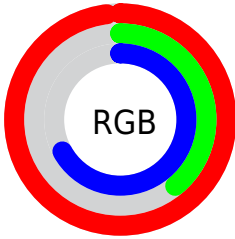
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 100, 170
Decimal	16409770
CIE Lab	63.62, 63.73, -7.81
CIE LCh	64, 64.202, 353.012
Yxy	32.3406, 0.4094, 0.2584
Android (android.graphics.Color)	4294599850 (0xFFFA64AA)
YUV	152.8300, 8.4648, 85.2181
Hunter-Lab	56.8688, 61.3031, -3.5338

# Details

The Decimal color **16409770** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **6617780**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16752097**, and **12461686** is the 20% darker color. If you saturate the color by 10%, you get **16403357**, and if you desaturate by 10%, it is **16416183**.

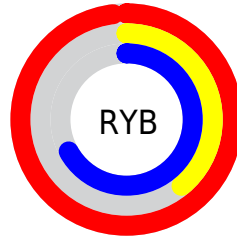
# Distribution



Red (98%)

Green (39%)

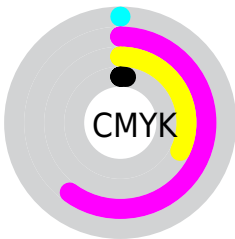
Blue (67%)



Red (98%)

Yellow (39%)

Blue (67%)

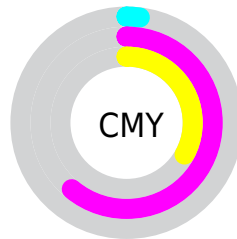


Cyan (0%)

Magenta (60%)

Yellow (32%)

Black (2%)



Cyan (2%)

Magenta (61%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16409770 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 16409770 by changing the saturation by 10% instead.



 16409770

 16409770

16777215

 14436240

 16752097

 12461686

 16759550

 10485853

 16766975

 8585286

 16774655

 6684719

 4849691

 3080194

 0

 16409770

 16409770

■ 16403357

■ 16416183

■ 16396943

■ 16422597

■ 16390530

■ 16429010

■ 16384117

■ 16435423

■ 16441837

■ 16448250

■ 16449535

# Harmonies

## Analogous

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



13793248



16409770



16738161

# Triad

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



16409770



9217059



45301

# Complementary

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



16409770



6617780

# 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.



46533



16409770



4239185

# Square

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



16409770



12751641



46218



42495

# Rectangle

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



16409770



16086094



46218



46055



# Sweetspot

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



16409770



16765415



11822330



8414065



0



8421504



# Same Dimension

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



16409770



16730013



16410980



8220790



12386392



3997725



# Inverse Universe

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



16409770



16730013



6616570



8220790



12386392



3997725



# Previews

## White Background



This preview shows how the Decimal color 16409770 looks on a white background.

## Color Contrast Check

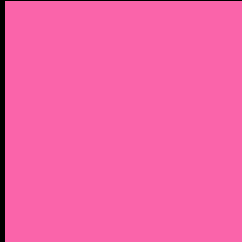
Large Text (above 18pt) WCAG AA × Fail

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 16409770 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 16409770 Background



This preview shows how black text looks on a background with the Decimal color 16409770.

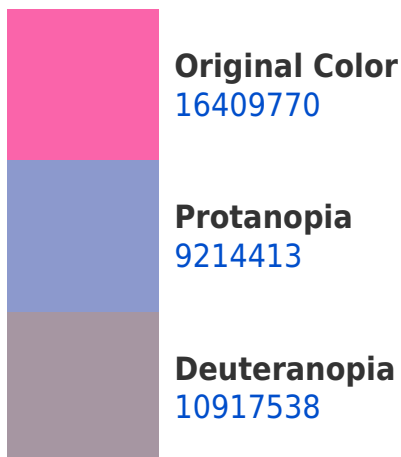



This preview shows how white text looks on a background with the Decimal color 16409770.

# 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**  
16150391

# Trichromacy



**Original Color**  
16409770



**Protanomaly**  
11830976



**Deuteranomaly**  
12944549



**Tritanomaly**  
16214922

# Monochromacy



**Original Color**  
16409770



**Achromatopsia**  
10066329



**Achromatomaly**  
12355231

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16409770 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 #FA64AA looks like.

```
.text, #text, p{  
    color:#FA64AA  
}
```

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 #FA64AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA64AA
}
```

## Border

The CSS property to change the border of an element to Decimal 16409770 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
#FA64AA }
```

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

```
.border{ border-color:#FA64AA }
```

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

Here you see how a box with a 4 pixel #FA64AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA64AA; -webkit-box-shadow:4px 4px  
4px 4px #FA64AA; box-shadow:4px 4px 4px  
4px #FA64AA }
```

# Background

The CSS property to change the background color of an element to Decimal 16409770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA64AA }
```

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

```
.background{ background-color:#FA64AA }
```

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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