

# Converting Colors

Decimal(15866018)

Have a look what the booklet for  
Decimal(15866018) contains.

<b>Decimal(15866018)</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(15866018)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F218A2
RGB	242, 24, 162
RGB Percent	95%, 9%, 64%
CMY	0.0510, 0.9059, 0.3647
CMYK	0.00, 0.90, 0.33, 0.05
HSL	322°, 89%, 52%
HSV	322°, 90%, 95%
XYZ	43.4662, 22.1391, 36.1648
YIQ	104.9140, 85.6300, 89.1340

# Conversions

## Conversions Part 2

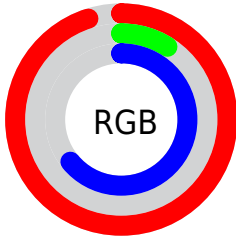
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 24, 162
Decimal	15866018
CIE <sub>Lab</sub>	54.17, 82.74, -17.52
CIE <sub>LCh</sub>	54, 84.577, 348.047
Yxy	22.1391, 0.4271, 0.2175
Android (android.graphics.Color)	4294056098 (0xFFFF218A2)
YUV	104.9140, 28.1434, 120.2244
Hunter-Lab	47.0523, 82.5542, -12.6342

# Details

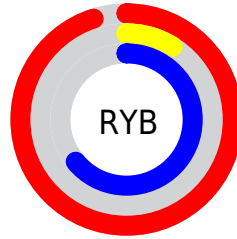
The Decimal color **15866018** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **1634920**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **16738521**, and **11796590** is the 20% darker color. If you saturate the color by 10%, you get **15859865**, and if you desaturate by 10%, it is **15872171**.

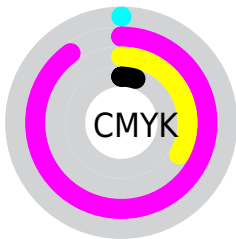
# Distribution



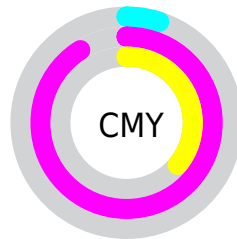
- Red (95%)
- Green (9%)
- Blue (64%)



- Red (95%)
- Yellow (9%)
- Blue (64%)



- Cyan (0%)
- Magenta (90%)
- Yellow (33%)
- Black (5%)



- Cyan (5%)
- Magenta (91%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15866018 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 15866018 by changing the saturation by 10% instead.



 15866018

 15866018

16777215

 13828232

 16738521

 11796590

 16746485

 9830486

 16754431

 7864382

 16762111

 5963817

 16770047

 3997715

 1835009

 0

 15866018

 15866018

■ 15859865

■ 15872171

■ 15878324

■ 15884733

■ 15890886

■ 15897038

■ 15903191

■ 15909344

■ 15915753

■ 15921906

# Harmonies

## Analogous

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



12080101



15866018



16585562

# Triad

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



15866018



7638016



40686

# Complementary

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



15866018



1634920

# 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.



41133



15866018



38912

# Square

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



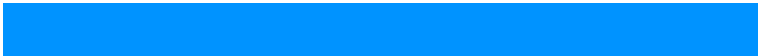
15866018



11891712



40545



37887

# Rectangle

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



15866018



15809834



40545



40923



# Sweetspot

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



15866018



16759526



6822130



8410993



0



8421504



# Same Dimension

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



15866018



16711841



15865909



7892083



12058740



3670052



# Inverse Universe

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



15866018



16711841



1635029



7892083



12058740



3670052



# Previews

## White Background



This preview shows how the Decimal color 15866018 looks on a white background.

## Color Contrast Check

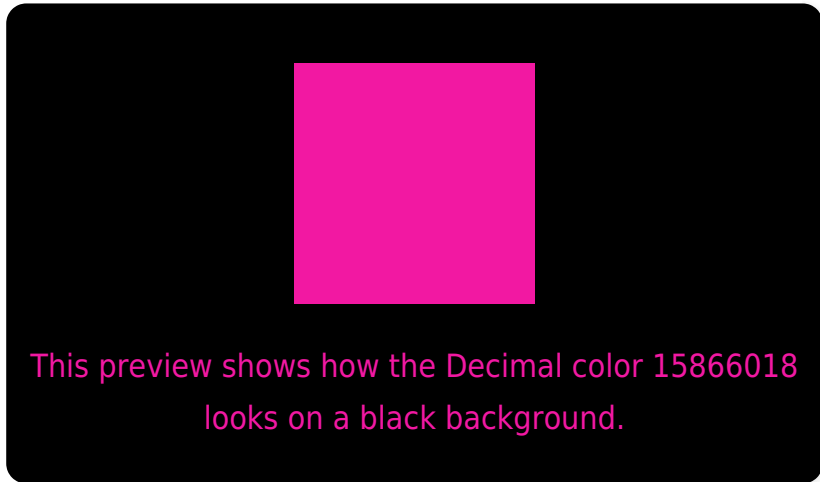
Large Text (above 18pt) WCAG AA ✓ Pass

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 15866018 Background



This preview shows how black text looks on a background with the Decimal color 15866018.




This preview shows how white text looks on a background with the Decimal color 15866018.

# 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**  
15483718

# Trichromacy



**Original Color**  
15866018



**Protanomaly**  
9263820



**Deuteranomaly**  
11360923



**Tritanomaly**  
15610727

# Monochromacy



**Original Color**  
15866018



**Achromatopsia**  
6908265



**Achromatomaly**  
10177662

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15866018 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 #F218A2 looks like.

```
.text, #text, p{  
  color:#F218A2  
}
```

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 #F218A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F218A2
}
```

## Border

The CSS property to change the border of an element to Decimal 15866018 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
#F218A2 }
```

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

```
.border{ border-color:#F218A2 }
```

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

Here you see how a box with a 4 pixel #F218A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F218A2; -webkit-box-shadow:4px 4px  
4px 4px #F218A2; box-shadow:4px 4px 4px  
4px #F218A2 }
```

# Background

The CSS property to change the background color of an element to Decimal 15866018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F218A2 }
```

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

```
.background{ background-color:#F218A2 }
```

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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