

# Converting Colors

Decimal(16091086)

Have a look what the booklet for  
Decimal(16091086) contains.

<b>Decimal(16091086)</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(16091086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F587CE
RGB	245, 135, 206
RGB Percent	96%, 53%, 81%
CMY	0.0392, 0.4706, 0.1922
CMYK	0.00, 0.45, 0.16, 0.04
HSL	321°, 85%, 75%
HSV	321°, 45%, 96%
XYZ	57.4607, 41.1967, 63.3158
YIQ	175.9840, 42.7690, 45.4010

# Conversions

## Conversions Part 2

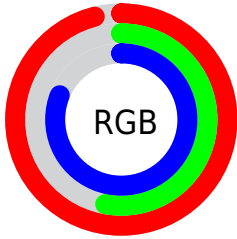
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 135, 206
Decimal	16091086
CIE Lab	70.31, 50.74, -18.12
CIE LCh	70, 53.877, 340.349
Yxy	41.1967, 0.3548, 0.2543
Android (android.graphics.Color)	4294281166 (0xFFFF587CE)
YUV	175.9840, 14.7979, 60.5270
Hunter-Lab	64.1846, 47.4775, -13.5582

# Details

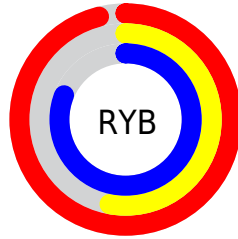
The Decimal color **16091086** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8910254**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16760831**, and **12276120** is the 20% darker color. If you saturate the color by 10%, you get **16084677**, and if you desaturate by 10%, it is **16097495**.

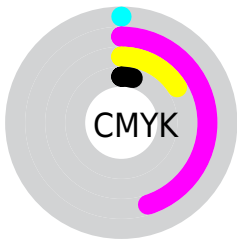
# Distribution



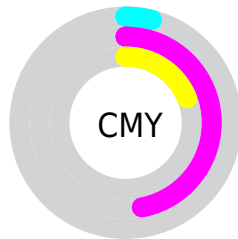
- Red (96%)
- Green (53%)
- Blue (81%)



- Red (96%)
- Yellow (53%)
- Blue (81%)



- Cyan (0%)
- Magenta (45%)
- Yellow (16%)
- Black (4%)


















- Cyan (4%)
- Magenta (47%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16091086 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 16091086 by changing the saturation by 10% instead.



 16091086	 16091086
 16777215	 14183602
 16760831	 12276120
 16767999	 10368638
 16775423	 8525925
	 6750284
	 5046326
	 3538977
	 1245188
	 0

 16091086

 16091086

 16084677

 16097495

 16078525

 16103647

 16072372

 16110056

 16065963

 16116209

 16059811

 16121849

 16056478

 16121855

# Harmonies

## Analogous

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



13015287



16091086



16745117

# Triad

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



16091086



12103495



49898

# Complementary

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



16091086



8910254

# 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.



50620



16091086



8633182

# Square

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



16091086



14917198



3392137



47871

# Rectangle

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



16091086



16746365



3392137



50396



# Sweetspot

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



16091086



16768755



11372533



8416120



0



8421504



# Same Dimension

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



16091086



16741838



16091032



8023670



12189816



3866662



# Inverse Universe

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



16091086



16741838



8910308



8023670



12189816



3866662



# Previews

## White Background



This preview shows how the Decimal color 16091086 looks on a white background.

## Color Contrast Check

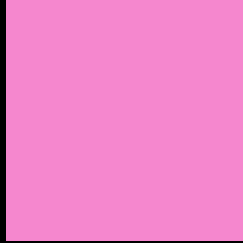
Large Text (above 18pt) WCAG AA × Fail

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 16091086 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 16091086 Background



This preview shows how black text looks on a background with the Decimal color 16091086.



This preview shows how white text looks on a background with the Decimal color 16091086.

# 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**  
16091086

**Protanopia**  
10201831

**Deuteranopia**  
11577544



**Tritanopia**  
15765916

# Trichromacy



**Original Color**  
16091086



**Protanomaly**  
12361182



**Deuteranomaly**  
13212874



**Tritanomaly**  
15895982

# Monochromacy



**Original Color**  
16091086



**Achromatopsia**  
11579568



**Achromatomaly**  
13214139

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16091086 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 #F587CE looks like.

```
.text, #text, p{  
    color:#F587CE  
}
```

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 #F587CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F587CE
}
```

## Border

The CSS property to change the border of an element to Decimal 16091086 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
#F587CE }
```

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

```
.border{ border-color:#F587CE }
```

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

Here you see how a box with a 4 pixel #F587CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F587CE; -webkit-box-shadow:4px 4px  
4px 4px #F587CE; box-shadow:4px 4px 4px  
4px #F587CE }
```

# Background

The CSS property to change the background color of an element to Decimal 16091086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F587CE }
```

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

```
.background{ background-color:#F587CE }
```

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