

# Converting Colors

Decimal(16080081)

Have a look what the booklet for  
Decimal(16080081) contains.

<b>Decimal(16080081)</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(16080081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F55CD1
RGB	245, 92, 209
RGB Percent	96%, 36%, 82%
CMY	0.0392, 0.6392, 0.1804
CMYK	0.00, 0.62, 0.15, 0.04
HSL	314°, 88%, 66%
HSV	314°, 62%, 96%
XYZ	52.9920, 31.6702, 63.6416
YIQ	151.0850, 53.6310, 68.8230

# Conversions

## Conversions Part 2

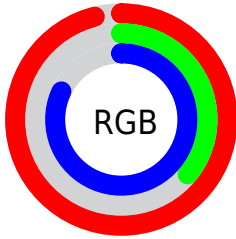
Format	Color
R <sub>YB</sub>	245, 92, 209
Decimal	16080081
CIE Lab	63.07, 70.71, -30.89
CIE LCh	63, 77.161, 336.398
Yxy	31.6702, 0.3573, 0.2135
Android (android.graphics.Color)	4294270161 (0xFFF55CD1)
YUV	151.0850, 28.5521, 82.3635
Hunter-Lab	56.2763, 69.5990, -27.6563

# Details

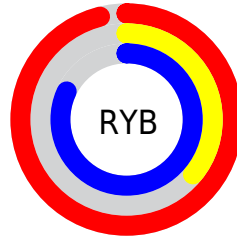
The Decimal color **16080081** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **6092160**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16750335**, and **12129690** is the 20% darker color. If you saturate the color by 10%, you get **16073675**, and if you desaturate by 10%, it is **16086231**.

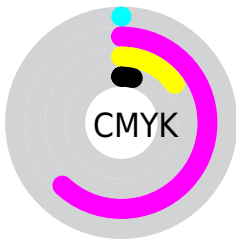
# Distribution



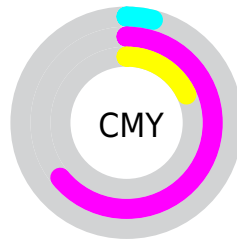
- Red (96%)
- Green (36%)
- Blue (82%)



- Red (96%)
- Yellow (36%)
- Blue (82%)



- Cyan (0%)
- Magenta (62%)
- Yellow (15%)
- Black (4%)


















- Cyan (4%)
- Magenta (64%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16080081 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 16080081 by changing the saturation by 10% instead.



 16080081	 16080081
16777215	 14106037
 16750335	 12129690
 16757759	 10223744
 16765439	 8323175
 16773119	 6488142
	 4718647
	 2949153
	 4
	 0

16080081

16080081

16073675

16086231

16067525

16092637

16061120

16098786

16056507

16105192

16111598

16117748

16121849

16121855

# Harmonies

## Analogous

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



11239423



16080081



16731021

# Triad

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



16080081



11180544



46825

# Complementary

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



16080081



6092160

# 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.



47014



16080081



6335248

# Square

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



16080081



14843904



46174



44799

# Rectangle

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



16080081



16733792



46174



47060



# Sweetspot

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



16080081



16764916



8412405



8413817



0



8421504



# Same Dimension

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



16080081



16728274



16080005



8023672



12189838



3866669



# Inverse Universe

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



16080081



16728274



6092236



8023672



12189838



3866669



# Previews

## White Background



This preview shows how the Decimal color 16080081 looks on a white background.

## Color Contrast Check

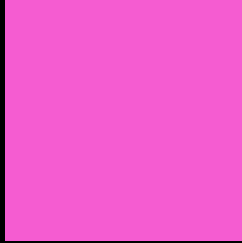
Large Text (above 18pt) WCAG AA × Fail

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 16080081 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 16080081 Background



This preview shows how black text looks on a background with the Decimal color 16080081.



This preview shows how white text looks on a background with the Decimal color 16080081.

# 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**  
15496059

# Trichromacy



**Original Color**  
16080081



**Protanomaly**  
10387950



**Deuteranomaly**  
11764171



**Tritanomaly**  
15690650

# Monochromacy



**Original Color**  
16080081



**Achromatopsia**  
9934743



**Achromatomaly**  
12157612

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16080081 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 #F55CD1 looks like.

```
.text, #text, p{  
    color:#F55CD1  
}
```

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 #F55CD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F55CD1
}
```

## Border

The CSS property to change the border of an element to Decimal 16080081 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
#F55CD1 }
```

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

```
.border{ border-color:#F55CD1 }
```

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

Here you see how a box with a 4 pixel #F55CD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F55CD1; -webkit-box-shadow:4px 4px  
4px 4px #F55CD1; box-shadow:4px 4px 4px  
4px #F55CD1 }
```

# Background

The CSS property to change the background color of an element to Decimal 16080081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F55CD1 }
```

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

```
.background{ background-color:#F55CD1 }
```

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