

# Converting Colors

Decimal(12804007)

Have a look what the booklet for  
Decimal(12804007) contains.

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# Color

**Decimal(12804007)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C35FA7
RGB	195, 95, 167
RGB Percent	76%, 37%, 65%
CMY	0.2353, 0.6275, 0.3451
CMYK	0.00, 0.51, 0.14, 0.24
HSL	317°, 45%, 57%
HSV	317°, 51%, 76%
XYZ	33.5729, 22.5765, 39.1474
YIQ	133.1080, 36.4880, 43.5920

# Conversions

## Conversions Part 2

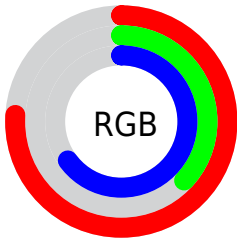
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 95, 167
Decimal	12804007
CIELab	54.63, 48.99, -20.43
CIELCh	55, 53.080, 337.360
Yxy	22.5765, 0.3523, 0.2369
Android (android.graphics.Color)	4290994087 (0xFFC35FA7)
YUV	133.1080, 16.7088, 54.2793
Hunter-Lab	47.5148, 42.9735, -15.5887

# Details

The Decimal color **12804007** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **6275963**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16618974**, and **9120115** is the 20% darker color. If you saturate the color by 10%, you get **12799138**, and if you desaturate by 10%, it is **12809132**.

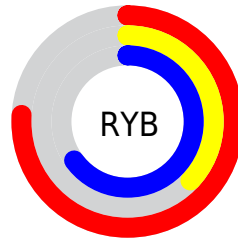
# Distribution



Red (76%)

Green (37%)

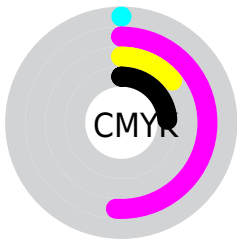
Blue (65%)



Red (76%)

Yellow (37%)

Blue (65%)

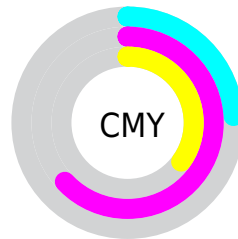


Cyan (0%)

Magenta (51%)

Yellow (14%)

Black (24%)



Cyan (24%)

Magenta (63%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12804007 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 12804007 by changing the saturation by 10% instead.



 12804007

 12804007

16777215

 10962317

 16618974

 9120115

 16757243

 7341658

 16764415

 5570626

 16771839

 3932204

 2293783

 0

 12804007

 12804007

 12799138

 12809132

 12794012

 12814002

 12789143

 12819127

 12784017

 12823997

 12779660

 12829122

 12833992

 12839117

 12843987

 12845016

# Harmonies

## Analogous

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



9728716



12804007



14047353

# Triad

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



12804007



9471006



38841

# Complementary

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



12804007



6275963

# 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.



39309



12804007



6328373

# Square

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



12804007



12022571



38494



37335

# Rectangle

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



12804007



13917531



38494



39084



# Sweetspot

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



12804007



16570354



8019907



8415609



0



8421504



# Same Dimension

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



12804007



16539857



12803958



6379358



10551412



2162712



# Inverse Universe

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



12804007



16539857



6276012



6379358



10551412



2162712



# Previews

## White Background



This preview shows how the Decimal color 12804007 looks on a white background.

## Color Contrast Check

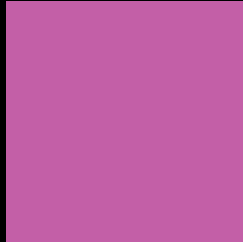
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12804007 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

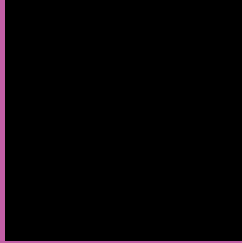
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12804007 Background



This preview shows how black text looks on a background with the Decimal color 12804007.




This preview shows how white text looks on a background with the Decimal color 12804007.

# 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**  
12413811

# Trichromacy



**Original Color**  
12804007



**Protanomaly**  
9270712



**Deuteranomaly**  
10056867



**Tritanomaly**  
12543878

# Monochromacy



**Original Color**  
12804007



**Achromatopsia**  
8750469



**Achromatomaly**  
10254225

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12804007 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 #C35FA7 looks like.

```
.text, #text, p{  
    color:#C35FA7  
}
```

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 #C35FA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35FA7
}
```

## Border

The CSS property to change the border of an element to Decimal 12804007 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
#C35FA7 }
```

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

```
.border{ border-color:#C35FA7 }
```

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

Here you see how a box with a 4 pixel #C35FA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35FA7; -webkit-box-shadow:4px 4px  
4px 4px #C35FA7; box-shadow:4px 4px 4px  
4px #C35FA7 }
```

# Background

The CSS property to change the background color of an element to Decimal 12804007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35FA7 }
```

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

```
.background{ background-color:#C35FA7 }
```

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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