

# Converting Colors

Decimal(12586121)

Have a look what the booklet for  
Decimal(12586121) contains.

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# Color

**Decimal(12586121)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C00C89
RGB	192, 12, 137
RGB Percent	75%, 5%, 54%
CMY	0.2471, 0.9529, 0.4627
CMYK	0.00, 0.94, 0.29, 0.25
HSL	318°, 88%, 40%
HSV	318°, 94%, 75%
XYZ	26.3851, 13.2756, 24.8387
YIQ	80.0700, 67.1550, 77.0350

# Conversions

## Conversions Part 2

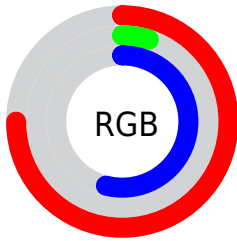
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 12, 137
Decimal	12586121
CIELab	43.18, 71.10, -20.18
CIElCh	43, 73.910, 344.157
Yxy	13.2756, 0.4091, 0.2058
Android (android.graphics.Color)	4290776201 (0xFFC00C89)
YUV	80.0700, 28.0665, 98.1626
Hunter-Lab	36.4356, 65.4994, -14.9139

# Details

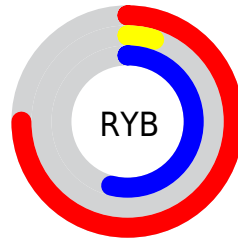
The Decimal color **12586121** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **835651**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **16603839**, and **8716375** is the 20% darker color. If you saturate the color by 10%, you get **12583045**, and if you desaturate by 10%, it is **12590991**.

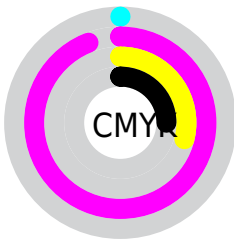
# Distribution



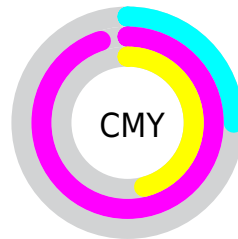
- Red (75%)
- Green (5%)
- Blue (54%)



- Red (75%)
- Yellow (5%)
- Blue (54%)



- Cyan (0%)
- Magenta (94%)
- Yellow (29%)
- Black (25%)



- Cyan (25%)
- Magenta (95%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12586121 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 12586121 by changing the saturation by 10% instead.



 12586121

 12586121

16777215

 10616943

 16603839

 8716375

 16742362

 6815807

 16750071

 5046313

 16757503

 3211284

 16764927

 0

 16772607

 12586121

 12586121

 12583045

 12590991

 12595861

 12600987

 12605856

 12610726

 12615596

 12620466

 12625592

 12630462

# Harmonies

## Analogous

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



9061567



12586121



13500492

# Triad

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



12586121



6450176



32443

# Complementary

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



12586121



835651

# 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.



32642



12586121



30720

# Square

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



12586121



9918208



32066



30685

# Rectangle

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



12586121



12919845



32066



32682



# Sweetspot

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



12586121



16430309



4328640



8213104



16579836



8224125



# Same Dimension

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



12586121



16384174



12586032



6379358



10551408



2162711



# Inverse Universe

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



12586121



16384174



835740



6379358



10551408



2162711



# Previews

## White Background



This preview shows how the Decimal color 12586121 looks on a white background.

## Color Contrast Check

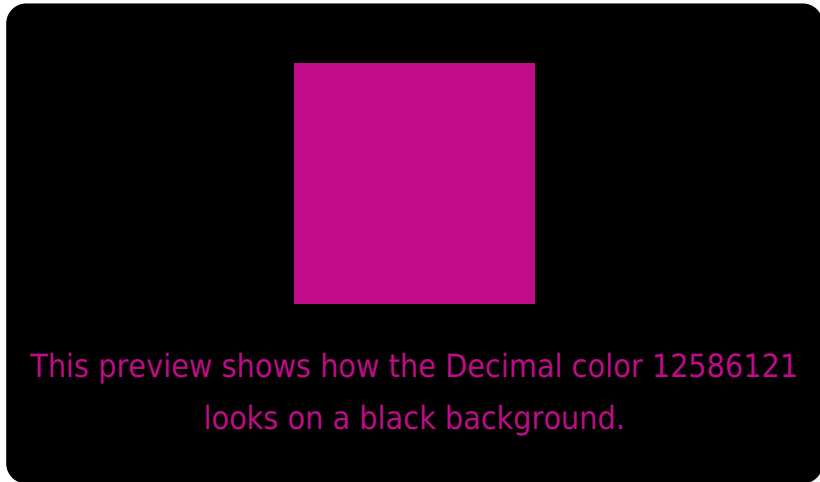
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

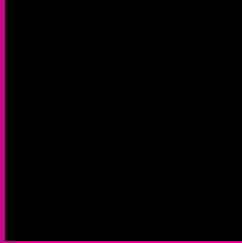
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12586121 Background



This preview shows how black text looks on a background with the Decimal color 12586121.



This preview shows how white text looks on a background with the Decimal color 12586121.

# 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





# Trichromacy



**Original Color**

12586121



**Protanomaly**

6833581



**Deuteranomaly**

8799619



**Tritanomaly**

12330838

# Monochromacy



**Original Color**

12586121



**Achromatopsia**

5263440



**Achromatomaly**

7944037

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12586121 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 #C00C89 looks like.

```
.text, #text, p{  
    color:#C00C89  
}
```

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 #C00C89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00C89
}
```

## Border

The CSS property to change the border of an element to Decimal 12586121 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
#C00C89 }
```

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

```
.border{ border-color:#C00C89 }
```

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

Here you see how a box with a 4 pixel #C00C89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00C89; -webkit-box-shadow:4px 4px  
4px 4px #C00C89; box-shadow:4px 4px 4px  
4px #C00C89 }
```

# Background

The CSS property to change the background color of an element to Decimal 12586121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00C89 }
```

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

```
.background{ background-color:#C00C89 }
```

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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