

# Converting Colors

Decimal(12856495)

Have a look what the booklet for  
Decimal(12856495) contains.

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# Color

**Decimal(12856495)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C42CAF
RGB	196, 44, 175
RGB Percent	77%, 17%, 69%
CMY	0.2314, 0.8275, 0.3137
CMYK	0.00, 0.78, 0.11, 0.23
HSL	308°, 63%, 47%
HSV	308°, 78%, 77%
XYZ	31.4035, 16.6323, 42.1126
YIQ	104.3820, 48.5410, 72.9650

# Conversions

## Conversions Part 2

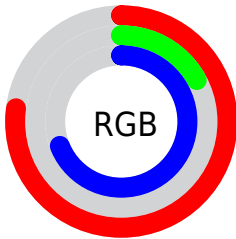
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 44, 175
Decimal	12856495
CIE <sub>Lab</sub>	47.79, 70.69, -35.73
CIE <sub>LCh</sub>	48, 79.206, 333.186
Yxy	16.6323, 0.3484, 0.1845
Android (android.graphics.Color)	4291046575 (0xFFC42CAF)
YUV	104.3820, 34.8147, 80.3490
Hunter-Lab	40.7827, 66.0789, -32.6756

# Details

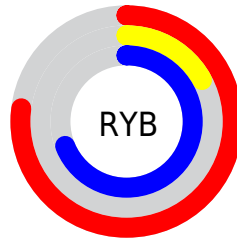
The Decimal color **12856495** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **2933825**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16739303**, and **9044090** is the 20% darker color. If you saturate the color by 10%, you get **12851372**, and if you desaturate by 10%, it is **12861618**.

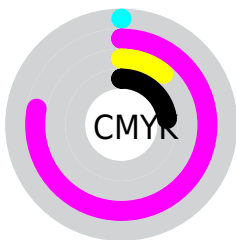
# Distribution



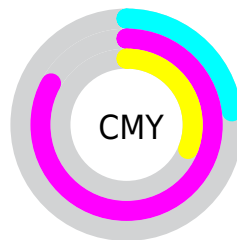
- Red (77%)
- Green (17%)
- Blue (69%)



- Red (77%)
- Yellow (17%)
- Blue (69%)



- Cyan (0%)
- Magenta (78%)
- Yellow (11%)
- Black (23%)



- Cyan (23%)
- Magenta (83%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12856495 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 12856495 by changing the saturation by 10% instead.



 12856495

 12856495

16777215

 10944660

 16739303

 9044090

 16746751

 7209057

 16754175

 5374024

 16761599

 3670065

 16769023

 1572891

 16776703

 0

 12856495

 12856495

 12851372

 12861618

 12846506

 12866484

 12845225

 12871607

 12876474

 12881597

 12886719

 12891586

 12896709

 12901575

# Harmonies

## Analogous

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



7494627



12856495



14811245

# Triad

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



12856495



8679680



36282

# Complementary

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



12856495



2933825

# 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.



36215



12856495



3965184

# Square

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



12856495



12080384



35119



35050

# Rectangle

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



12856495



14683970



35119



36261



# Sweetspot

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



12856495



16762103



4205764



8412283



0



8421504



# Same Dimension

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



12856495



16716510



12856420



6379360



10551434



2162717



# Inverse Universe

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



12856495



16716510



2933900



6379360



10551434



2162717



# Previews

## White Background



This preview shows how the Decimal color 12856495 looks on a white background.

## Color Contrast Check

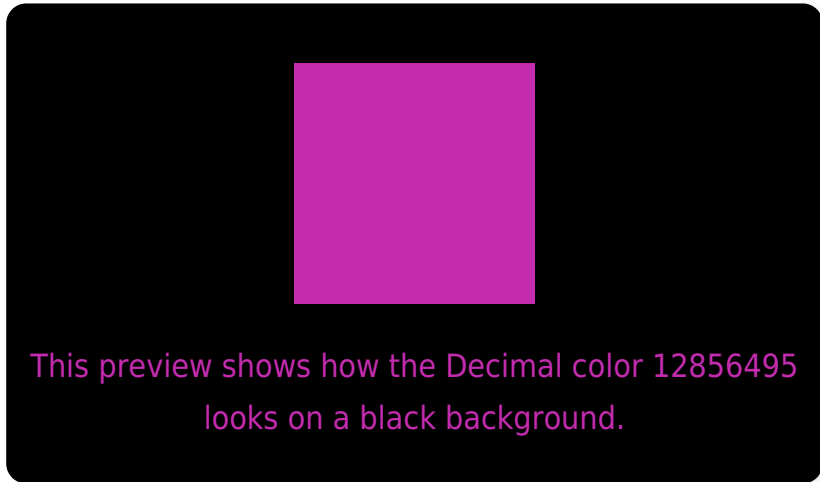
Large Text (above 18pt) WCAG AA ✓ Pass

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

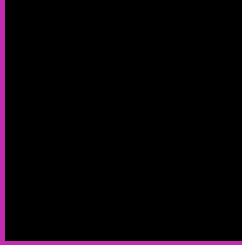
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12856495 Background



This preview shows how black text looks on a background with the Decimal color 12856495.



This preview shows how white text looks on a background with the Decimal color 12856495.

# 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**  
12856495



**Protanomaly**  
5527252



**Deuteranomaly**  
8607913



**Tritanomaly**  
12468852

# Monochromacy



**Original Color**  
12856495



**Achromatopsia**  
6842472



**Achromatomaly**  
8999554

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12856495 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 #C42CAF looks like.

```
.text, #text, p{  
    color:#C42CAF  
}
```

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 #C42CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42CAF
}
```

## Border

The CSS property to change the border of an element to Decimal 12856495 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
#C42CAF }
```

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

```
.border{ border-color:#C42CAF }
```

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

Here you see how a box with a 4 pixel #C42CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42CAF; -webkit-box-shadow:4px 4px  
4px 4px #C42CAF; box-shadow:4px 4px 4px  
4px #C42CAF }
```

# Background

The CSS property to change the background color of an element to Decimal 12856495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42CAF }
```

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

```
.background{ background-color:#C42CAF }
```

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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