

# Converting Colors

Decimal(12815063)

Have a look what the booklet for  
Decimal(12815063) contains.

<b>Decimal(12815063)</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(12815063)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C38AD7
RGB	195, 138, 215
RGB Percent	76%, 54%, 84%
CMY	0.2353, 0.4588, 0.1569
CMYK	0.09, 0.36, 0.00, 0.16
HSL	284°, 49%, 69%
HSV	284°, 36%, 84%
XYZ	43.8599, 34.6854, 68.6733
YIQ	163.8210, 9.2550, 36.0310

# Conversions

## Conversions Part 2

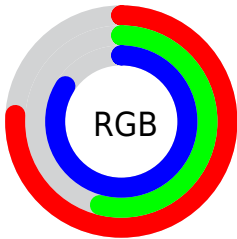
Format	Color
<a href="#">RYB</a>	<a href="#">195, 138, 215</a>
Decimal	<a href="#">12815063</a>
CIELab	<a href="#">65.50, 35.07, -30.99</a>
CIELCh	<a href="#">66, 46.805, 318.533</a>
Yxy	<a href="#">34.6854, 0.2979, 0.2356</a>
Android (android.graphics.Color)	<a href="#">4291005143 (0xFFC38AD7)</a>
YUV	<a href="#">163.8210, 25.2312, 27.3440</a>
Hunter-Lab	<a href="#">58.8943, 29.8680, -27.9087</a>

# Details

The Decimal color **12815063** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **10409866**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **16564479**, and **9197472** is the 20% darker color. If you saturate the color by 10%, you get **12416471**, and if you desaturate by 10%, it is **13213911**.

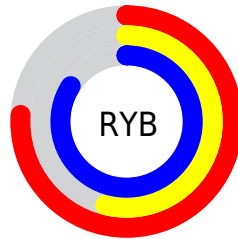
# Distribution



Red (76%)

Green (54%)

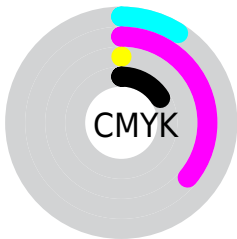
Blue (84%)



Red (76%)

Yellow (54%)

Blue (84%)

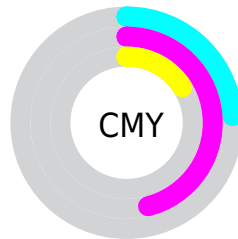


Cyan (9%)

Magenta (36%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (46%)
















Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12815063 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 12815063 by changing the saturation by 10% instead.



 12815063	 12815063
 16777215	 10973371
 16564479	 9197472
 16768255	 7487110
 16775679	 5777260
	 4132435
	 2555964
	 720934
	 270
	 0

 12815063

 12815063

 12416471

 13213911

 12083159

 13546967

 11684311

 13945815

 11351255

 14278871

 10952407

 14677463

 10553815

 15073239

 10420439

 15400919

 15794135

 16121815

# Harmonies

## Analogous

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



8952559



12815063



15040177

# Triad

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



12815063



13014859



46264

# Complementary

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



12815063



10409866

# 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.



2274189



12815063



10462540

# Square

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



12815063



14846050



7253606



45533

# Rectangle

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



12815063



15629461



7253606



46506



# Sweetspot

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



12815063



16311295



9084887



8089472



0



8421504



# Same Dimension

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



12815063



14914047



14125765



6840427



8257707



2097195



# Inverse Universe

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



14125726



16748974



9099164



7037027



11206700

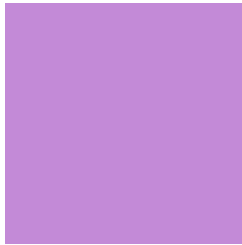


2818059



# Previews

## White Background



This preview shows how the Decimal color 12815063 looks on a white background.

## Color Contrast Check

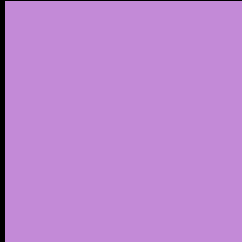
Large Text (above 18pt) WCAG AA × Fail

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 12815063 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

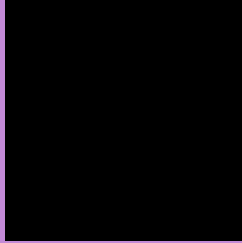
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12815063 Background



This preview shows how black text looks on a background with the Decimal color 12815063.




This preview shows how white text looks on a background with the Decimal color 12815063.

# 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**  
12293537

# Trichromacy



**Original Color**  
12815063



**Protanomaly**  
10327777



**Deuteranomaly**  
10786516



**Tritanomaly**  
12489141

# Monochromacy



**Original Color**  
12815063



**Achromatopsia**  
10790052



**Achromatomaly**  
11508663

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12815063 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 #C38AD7 looks like.

```
.text, #text, p{  
    color:#C38AD7  
}
```

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 #C38AD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38AD7
}
```

## Border

The CSS property to change the border of an element to Decimal 12815063 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
#C38AD7 }
```

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

```
.border{ border-color:#C38AD7 }
```

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

Here you see how a box with a 4 pixel #C38AD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38AD7; -webkit-box-shadow:4px 4px  
4px 4px #C38AD7; box-shadow:4px 4px 4px  
4px #C38AD7 }
```

# Background

The CSS property to change the background color of an element to Decimal 12815063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38AD7 }
```

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

```
.background{ background-color:#C38AD7 }
```

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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