

# Converting Colors

Decimal(13003911)

Have a look what the booklet for  
Decimal(13003911) contains.

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# Color

**Decimal(13003911)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C66C87
RGB	198, 108, 135
RGB Percent	78%, 42%, 53%
CMY	0.2235, 0.5765, 0.4706
CMYK	0.00, 0.45, 0.32, 0.22
HSL	342°, 44%, 60%
HSV	342°, 45%, 78%
XYZ	33.0244, 24.4802, 25.9062
YIQ	137.9880, 44.9730, 27.4770

# Conversions

## Conversions Part 2

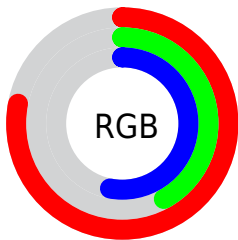
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 108, 135
Decimal	13003911
CIE <sub>Lab</sub>	56.57, 38.73, 1.18
CIE <sub>LCh</sub>	57, 38.745, 1.749
Yxy	24.4802, 0.3959, 0.2935
Android (android.graphics.Color)	4291193991 (0xFFC66C87)
YUV	137.9880, -1.4731, 52.6305
Hunter-Lab	49.4774, 32.5570, 3.5901

# Details

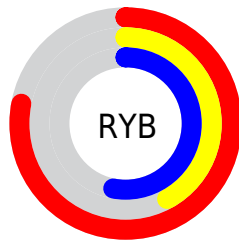
The Decimal color **13003911** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **7128747**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16753084**, and **9320789** is the 20% darker color. If you saturate the color by 10%, you get **12998777**, and if you desaturate by 10%, it is **13009045**.

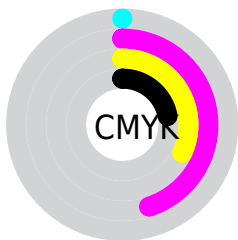
# Distribution



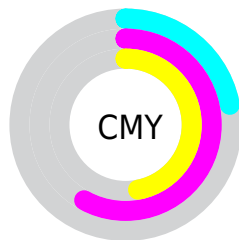
- Red (78%)
- Green (42%)
- Blue (53%)



- Red (78%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (32%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13003911 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 13003911 by changing the saturation by 10% instead.



 13003911

 13003911

16777215

 11096686

 16753084

 9320789

 16760280

 7479102

 16767476

 5701673

 16774911

 3997716

 2424833

 0

 13003911

 13003911

 12998777

 13009045

12993643

13014179

12988765

13019057

12983632

13024190

12978498

13029324

12976187

13034458

13039592

13041654

13041663

# Harmonies

## Analogous

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



11760296



13003911



13004902

# Triad

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



13003911



7901261



37826

# Complementary

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



13003911



7128747

# 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.



39082



13003911



5084775

# Square

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



13003911



10126915



39305



5540555

# Rectangle

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



13003911



12416596



39305



38588



# Sweetspot

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



13003911



16767974



11234502



8415856



0



8421504



# Same Dimension

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



13003911



16741277



13008492



6511196



10682417



2359307



# Inverse Universe

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



13003911



16741277



7124166



6511196



10682417



2359307



# Previews

## White Background



This preview shows how the Decimal color 13003911 looks on a white background.

## Color Contrast Check

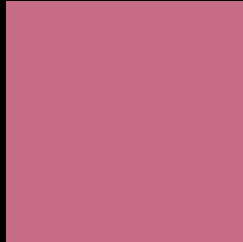
Large Text (above 18pt) WCAG AA ✓ Pass

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 13003911 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 13003911 Background



This preview shows how black text looks on a background with the Decimal color 13003911.



This preview shows how white text looks on a background with the Decimal color 13003911.

# 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



**Original Color**  
13003911

**Protanopia**  
8816535

**Deuteranopia**  
9929859



**Tritanopia**  
12939127

# Trichromacy



**Original Color**  
13003911

**Protanomaly**  
10321297

**Deuteranomaly**  
11041668

**Tritanomaly**  
12938877

# Monochromacy



**Original Color**  
13003911

**Achromatopsia**  
9079434

**Achromatomaly**  
10518409

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13003911 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 #C66C87 looks like.

```
.text, #text, p{  
    color:#C66C87  
}
```

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 #C66C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66C87
}
```

## Border

The CSS property to change the border of an element to Decimal 13003911 is called "border". The border property can be set on classes, ids or directly on the HTML element.

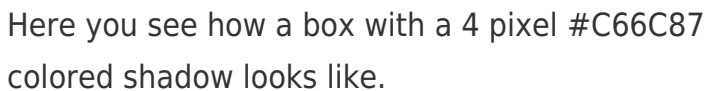
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C66C87 }
```

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

```
.border{ border-color:#C66C87 }
```

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



Here you see how a box with a 4 pixel #C66C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66C87; -webkit-box-shadow:4px 4px  
4px 4px #C66C87; box-shadow:4px 4px 4px  
4px #C66C87 }
```

# Background

The CSS property to change the background color of an element to Decimal 13003911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66C87 }
```

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

```
.background{ background-color:#C66C87 }
```

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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