

# Converting Colors

Decimal(13331593)

Have a look what the booklet for  
Decimal(13331593) contains.

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# Color

**Decimal(13331593)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB6C89
RGB	203, 108, 137
RGB Percent	80%, 42%, 54%
CMY	0.2039, 0.5765, 0.4627
CMYK	0.00, 0.47, 0.33, 0.20
HSL	342°, 48%, 61%
HSV	342°, 47%, 80%
XYZ	34.5065, 25.2278, 26.7177
YIQ	139.7110, 47.3110, 29.1590

# Conversions

## Conversions Part 2

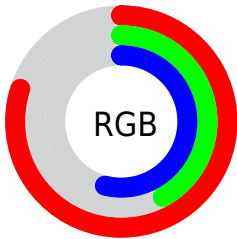
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 108, 137
Decimal	13331593
CIE Lab	57.30, 40.76, 1.16
CIE LCh	57, 40.773, 1.634
Yxy	25.2278, 0.3991, 0.2918
Android (android.graphics.Color)	4291521673 (0xFFCB6C89)
YUV	139.7110, -1.3365, 55.5045
Hunter-Lab	50.2273, 34.7332, 3.6206

# Details

The Decimal color **13331593** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **7130030**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **16753342**, and **9582935** is the 20% darker color. If you saturate the color by 10%, you get **13326459**, and if you desaturate by 10%, it is **13336727**.

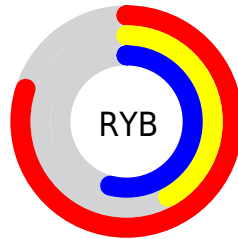
# Distribution



Red (80%)

Green (42%)

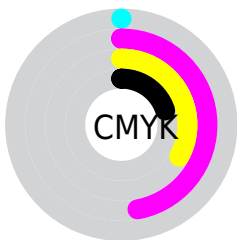
Blue (54%)



Red (80%)

Yellow (42%)

Blue (54%)

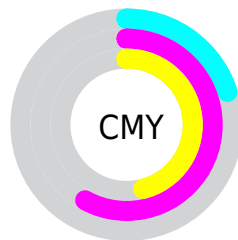


Cyan (0%)

Magenta (47%)

Yellow (33%)

Black (20%)



Cyan (20%)

Magenta (58%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13331593 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 13331593 by changing the saturation by 10% instead.



 13331593

 13331593

16777215

 11424368

 16753342

 9582935

 16760282

 7740992

 16767735

 5963818

 16774911

 4259862

 2752513

 0

 13331593

 13331593

 13326459

 13336727

 13321069

 13342117

 13315935

 13347251

 13310801

 13352385

 13305666

 13357776

 13303870

 13362910

 13368044

 13369338

 13369343

# Harmonies

## Analogous

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



12022700



13331593



13332582

# Triad

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



13331593



7967307



38599

# Complementary

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



13331593



7130030

# 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.



39854



13331593



4954470

# Square

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



13331593



10324032



40074



5279184

# Rectangle

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



13331593



12678995



40074



39104



# Sweetspot

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



13331593



16767974



11365579



8415856



0



8421504



# Same Dimension

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



13331593



16740508



13335916



6708319



10879027



2490380



# Inverse Universe

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



13331593



16740508



7125707



6708319



10879027

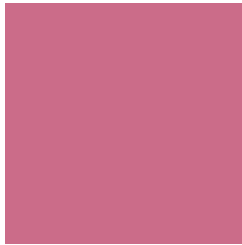


2490380



# Previews

## White Background



This preview shows how the Decimal color 13331593 looks on a white background.

## Color Contrast Check

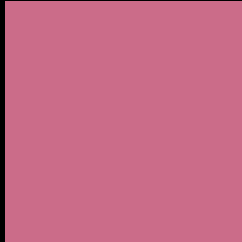
Large Text (above 18pt) WCAG AA ✓ Pass

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 13331593 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 13331593 Background



This preview shows how black text looks on a background with the Decimal color 13331593.



This preview shows how white text looks on a background with the Decimal color 13331593.

# 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**  
13331593

**Protanopia**  
8948122

**Deuteranopia**  
10061189



# Trichromacy



**Original Color**  
13331593

**Protanomaly**  
10518164

**Deuteranomaly**  
11238534

**Tritanomaly**  
13266558

# Monochromacy



**Original Color**  
13331593

**Achromatopsia**  
9211020

**Achromatomaly**  
10715275

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13331593 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 #CB6C89 looks like.

```
.text, #text, p{  
  color:#CB6C89  
}
```

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 #CB6C89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6C89
}
```

## Border

The CSS property to change the border of an element to Decimal 13331593 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
#CB6C89 }
```

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

```
.border{ border-color:#CB6C89 }
```

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

Here you see how a box with a 4 pixel #CB6C89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6C89; -webkit-box-shadow:4px 4px  
4px 4px #CB6C89; box-shadow:4px 4px 4px  
4px #CB6C89 }
```

# Background

The CSS property to change the background color of an element to Decimal 13331593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6C89 }
```

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

```
.background{ background-color:#CB6C89 }
```

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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