

# Converting Colors

Decimal(13201063)

Have a look what the booklet for  
Decimal(13201063) contains.

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# **Color**

**Decimal(13201063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C96EA7
RGB	201, 110, 167
RGB Percent	79%, 43%, 65%
CMY	0.2118, 0.5686, 0.3451
CMYK	0.00, 0.45, 0.17, 0.21
HSL	322°, 46%, 61%
HSV	322°, 45%, 79%
XYZ	36.6384, 26.3594, 39.7160
YIQ	143.7070, 35.9390, 37.0190

# Conversions

## Conversions Part 2

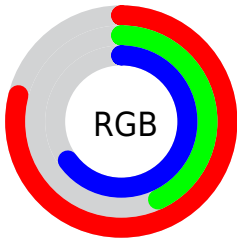
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 110, 167
Decimal	13201063
CIE Lab	58.38, 43.30, -14.66
CIE LCh	58, 45.716, 341.291
Yxy	26.3594, 0.3567, 0.2566
Android (android.graphics.Color)	4291391143 (0xFFC96EA7)
YUV	143.7070, 11.4834, 50.2460
Hunter-Lab	51.3414, 37.5342, -9.9258

# Details

The Decimal color **13201063** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7260560**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16753886**, and **9517683** is the 20% darker color. If you saturate the color by 10%, you get **13195935**, and if you desaturate by 10%, it is **13206191**.

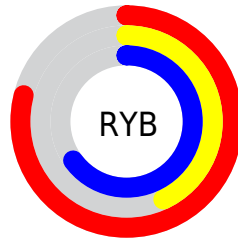
# Distribution



Red (79%)

Green (43%)

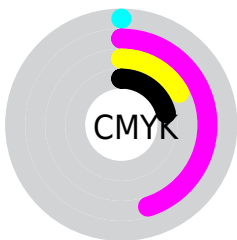
Blue (65%)



Red (79%)

Yellow (43%)

Blue (65%)

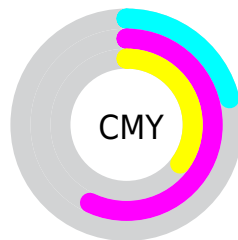


Cyan (0%)

Magenta (45%)

Yellow (17%)

Black (21%)



Cyan (21%)

Magenta (57%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13201063 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 13201063 by changing the saturation by 10% instead.



 13201063

 13201063

16777215

 11359373

 16753886

 9517683

 16761083

 7741530

 16768255

 5963843

 16775679


 4325420

 2818072

 0

 13201063


 13201063

 13195935

 13206191

 13190808


 13211318

 13185680


 13216446

 13180553

 13221573

 13175425

 13226957

 13172862

 13232084

 13237212

 13238243

 13238251

# Harmonies

## Analogous

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



10714313



13201063



14117503

# Triad

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



13201063



9801530



40640

# Complementary

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



13201063



7260560

# 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.



41371



13201063



6920526

# Square

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



13201063



12091711



2596721



39128

# Rectangle

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



13201063



13987685



2596721



41141



# Sweetspot

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



13201063



16767986



9400009



8415863



0



8421504



# Same Dimension

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



13201063



16741836



13201018



6511200



10682470



2359318



# Inverse Universe

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



13201063



16741836



7260605



6511200



10682470



2359318



# Previews

## White Background



This preview shows how the Decimal color 13201063 looks on a white background.

## Color Contrast Check

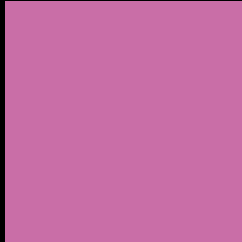
Large Text (above 18pt) WCAG AA ✓ Pass

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 13201063 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 13201063 Background



This preview shows how black text looks on a background with the Decimal color 13201063.



This preview shows how white text looks on a background with the Decimal color 13201063.

# 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**  
13201063

**Protanopia**  
8358843

**Deuteranopia**  
9472418



**Tritanopia**  
12940927

# Trichromacy



**Original Color**  
13201063



**Protanomaly**  
10125492



**Deuteranomaly**  
10846116

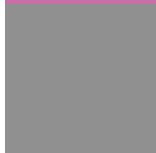


**Tritanomaly**  
13005710

# Monochromacy



**Original Color**  
13201063



**Achromatopsia**  
9474192



**Achromatomaly**  
10847384

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13201063 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 #C96EA7 looks like.

```
.text, #text, p{  
    color:#C96EA7  
}
```

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 #C96EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C96EA7
}
```

## Border

The CSS property to change the border of an element to Decimal 13201063 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
#C96EA7 }
```

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

```
.border{ border-color:#C96EA7 }
```

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

Here you see how a box with a 4 pixel #C96EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C96EA7; -webkit-box-shadow:4px 4px  
4px 4px #C96EA7; box-shadow:4px 4px 4px  
4px #C96EA7 }
```

# Background

The CSS property to change the background color of an element to Decimal 13201063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C96EA7 }
```

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

```
.background{ background-color:#C96EA7 }
```

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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