

# Converting Colors

Decimal(13321609)

Have a look what the booklet for  
Decimal(13321609) contains.

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# Color

**Decimal(13321609)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB4589
RGB	203, 69, 137
RGB Percent	80%, 27%, 54%
CMY	0.2039, 0.7294, 0.4627
CMYK	0.00, 0.66, 0.33, 0.20
HSL	330°, 56%, 53%
HSV	330°, 66%, 80%
XYZ	31.2721, 18.7589, 25.6395
YIQ	116.8180, 58.0360, 49.5560

# Conversions

## Conversions Part 2

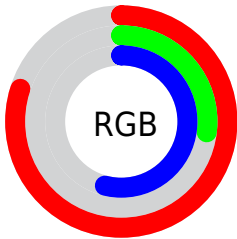
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 69, 137
Decimal	13321609
CIE <sub>Lab</sub>	50.40, 58.95, -9.01
CIE <sub>LCh</sub>	50, 59.639, 351.307
Yxy	18.7589, 0.4133, 0.2479
Android (android.graphics.Color)	4291511689 (0xFFCB4589)
YUV	116.8180, 9.9497, 75.5816
Hunter-Lab	43.3115, 53.0865, -4.7803

# Details

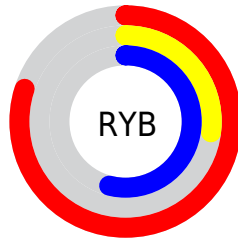
The Decimal color **13321609** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **4574087**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **16743870**, and **9502807** is the 20% darker color. If you saturate the color by 10%, you get **13316479**, and if you desaturate by 10%, it is **13326739**.

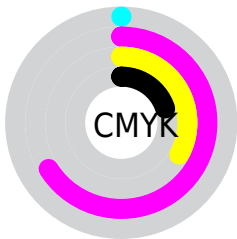
# Distribution



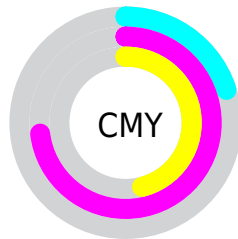
- Red (80%)
- Green (27%)
- Blue (54%)



- Red (80%)
- Yellow (27%)
- Blue (54%)



- Cyan (0%)
- Magenta (66%)
- Yellow (33%)
- Black (20%)



- Cyan (20%)
- Magenta (73%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13321609 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 13321609 by changing the saturation by 10% instead.



 13321609

 13321609

16777215

 11413104

 16743870

 9502807

 16751066

 7602240

 16758519

 5767210

 16765951

 4128790

 16773375

 2031617

 0

 13321609

 13321609

 13316479

 13326739

 13311093

 13332125

 13305963

 13337255

 13303911

 13342385

 13347771

 13352901

 13358031

 13363161

 13368547

# Harmonies

## Analogous

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



10901944



13321609



13780822

# Triad

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



13321609



7176192



36039

# Complementary

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



13321609



4574087

# 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.



36763



13321609



2525748

# Square

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



13321609



10252288



36455



33501

# Rectangle

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



13321609



13128503



36455



36538



# Sweetspot

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



13321609



16764134



8799691



8413552



0



8421504



# Same Dimension

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



13321609



16725660



13321543



6708321



10879060



2490387



# Inverse Universe

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



13321609



16725660



4574153



6708321



10879060



2490387



# Previews

## White Background



This preview shows how the Decimal color 13321609 looks on a white background.

## Color Contrast Check

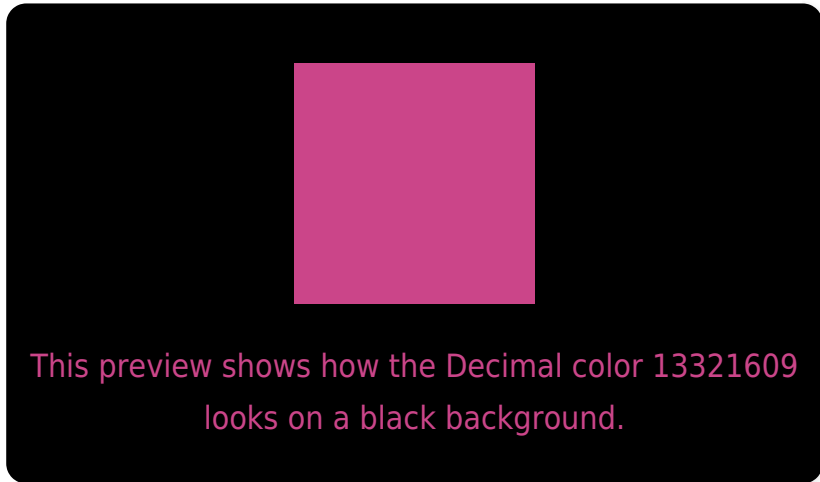
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 13321609 Background



This preview shows how black text looks on a background with the Decimal color 13321609.



This preview shows how white text looks on a background with the Decimal color 13321609.

# 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**  
13321609

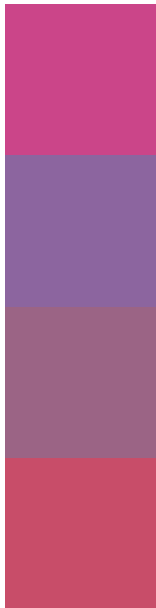
**Protanopia**  
6846379

**Deuteranopia**  
8418690



**Tritanopia**  
13062486

# Trichromacy



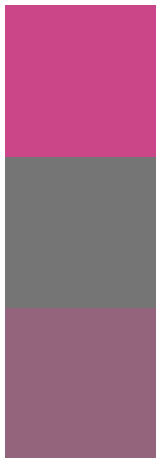
**Original Color**  
13321609

**Protanomaly**  
9201055

**Deuteranomaly**  
10183813

**Tritanomaly**  
13127017

# Monochromacy



**Original Color**  
13321609

**Achromatopsia**  
7697781

**Achromatomaly**  
9725052

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13321609 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 #CB4589 looks like.

```
.text, #text, p{  
  color:#CB4589  
}
```

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 #CB4589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB4589
}
```

## Border

The CSS property to change the border of an element to Decimal 13321609 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
#CB4589 }
```

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

```
.border{ border-color:#CB4589 }
```

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

Here you see how a box with a 4 pixel #CB4589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB4589; -webkit-box-shadow:4px 4px  
4px 4px #CB4589; box-shadow:4px 4px 4px  
4px #CB4589 }
```

# Background

The CSS property to change the background color of an element to Decimal 13321609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB4589 }
```

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

```
.background{ background-color:#CB4589 }
```

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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