

# Converting Colors

Decimal(13317269)

Have a look what the booklet for  
Decimal(13317269) contains.

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**Color**

**Decimal(13317269)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB3495
RGB	203, 52, 149
RGB Percent	80%, 20%, 58%
CMY	0.2039, 0.7961, 0.4157
CMYK	0.00, 0.74, 0.27, 0.20
HSL	321°, 59%, 50%
HSV	321°, 74%, 80%
XYZ	31.2814, 17.3224, 30.1286
YIQ	108.2070, 58.8590, 62.1790

# Conversions

## Conversions Part 2

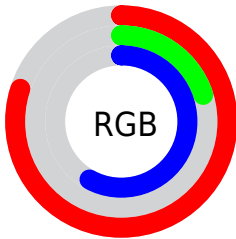
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 52, 149
Decimal	13317269
CIE <sub>Lab</sub>	48.66, 66.49, -18.84
CIE <sub>LCh</sub>	49, 69.106, 344.181
Yxy	17.3224, 0.3973, 0.2200
Android (android.graphics.Color)	4291507349 (0xFFCB3495)
YUV	108.2070, 20.1109, 83.1335
Hunter-Lab	41.6202, 61.3238, -13.7855

# Details

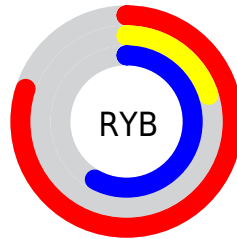
The Decimal color **13317269** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3459946**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16740555**, and **9437282** is the 20% darker color. If you saturate the color by 10%, you get **13312142**, and if you desaturate by 10%, it is **13322396**.

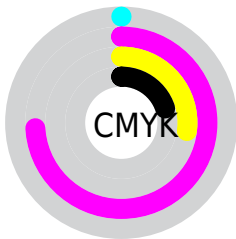
# Distribution



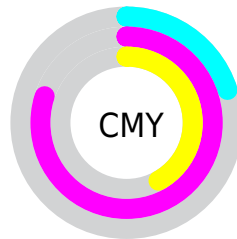
- Red (80%)
- Green (20%)
- Blue (58%)



- Red (80%)
- Yellow (20%)
- Blue (58%)



- Cyan (0%)
- Magenta (74%)
- Yellow (27%)
- Black (20%)



- Cyan (20%)
- Magenta (80%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13317269 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 13317269 by changing the saturation by 10% instead.



 13317269

 13317269

16777215

 11338875

 16740555

 9437282

 16748007

 7602250

 16755455

 5767219

 16762879

 4063262

 16770303

 2031617

 0

 13317269

 13317269

 13312142

 13322396

13306758

13327780

13303938

13332907

13338034

13343417

13348545

13353672

13358799

13364182

# Harmonies

## Analogous

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



9917896



13317269



14232667

# Triad

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



13317269



7567872



35781

# Complementary

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



13317269



3459946

# 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.



36239



13317269



2524429

# Square

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



13317269



10839296



35665



33765

# Rectangle

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



13317269



13778485



35665



36020



# Sweetspot

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



13317269



16762859



6894795



8412788



0



8421504



# Same Dimension

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



13317269



16719022



13317195



6708322



10879082



2490393



# Inverse Universe

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



13317269



16719022



3460020



6708322



10879082



2490393



# Previews

## White Background



This preview shows how the Decimal color 13317269 looks on a white background.

## Color Contrast Check

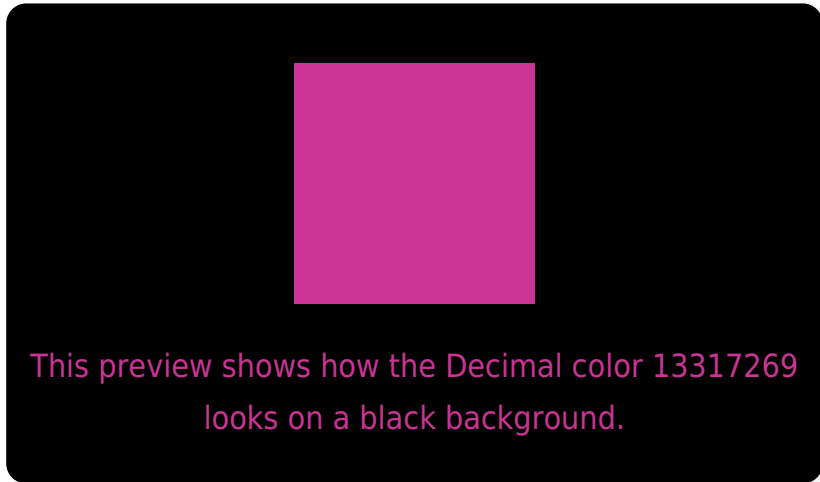
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 13317269 Background



This preview shows how black text looks on a background with the Decimal color 13317269.



This preview shows how white text looks on a background with the Decimal color 13317269.

# 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





# Trichromacy



**Original Color**  
13317269



**Protanomaly**  
8281010



**Deuteranomaly**  
9657232



**Tritanomaly**  
13058664

# Monochromacy



**Original Color**  
13317269



**Achromatopsia**  
7105644



**Achromatomaly**  
9394299

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13317269 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 #CB3495 looks like.

```
.text, #text, p{  
  color:#CB3495  
}
```

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 #CB3495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB3495
}
```

## Border

The CSS property to change the border of an element to Decimal 13317269 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
#CB3495 }
```

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

```
.border{ border-color:#CB3495 }
```

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

Here you see how a box with a 4 pixel #CB3495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB3495; -webkit-box-shadow:4px 4px  
4px 4px #CB3495; box-shadow:4px 4px 4px  
4px #CB3495 }
```

# Background

The CSS property to change the background color of an element to Decimal 13317269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB3495 }
```

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

```
.background{ background-color:#CB3495 }
```

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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