

# Converting Colors

Decimal(13069511)

Have a look what the booklet for  
Decimal(13069511) contains.

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# **Color**

**Decimal(13069511)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C76CC7
RGB	199, 108, 199
RGB Percent	78%, 42%, 78%
CMY	0.2196, 0.5765, 0.2196
CMYK	0.00, 0.46, 0.00, 0.22
HSL	300°, 45%, 60%
HSV	300°, 46%, 78%
XYZ	39.2246, 26.9908, 57.1752
YIQ	145.5830, 25.0250, 47.5930

# Conversions

## Conversions Part 2

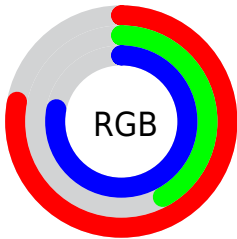
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 108, 199
Decimal	13069511
CIE <sub>Lab</sub>	58.97, 49.13, -32.10
CIE <sub>LCh</sub>	59, 58.687, 326.838
Yxy	26.9908, 0.3179, 0.2187
Android (android.graphics.Color)	4291259591 (0xFFC76CC7)
YUV	145.5830, 26.3346, 46.8467
Hunter-Lab	51.9526, 43.8515, -28.8833

# Details

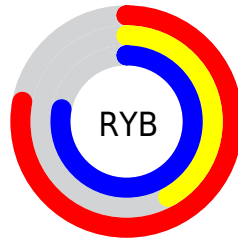
The Decimal color **13069511** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7128940**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16753407**, and **9385873** is the 20% darker color. If you saturate the color by 10%, you get **13064391**, and if you desaturate by 10%, it is **13074631**.

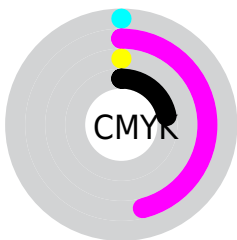
# Distribution



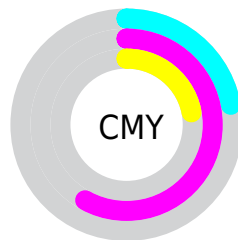
- Red (78%)
- Green (42%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13069511 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 13069511 by changing the saturation by 10% instead.



 13069511

 13069511

16777215

 11227819

 16753407

 9385873

 16760575

 7609207

 16767743

 5832798

 16775423

 4194374

 2752559

 25

 0

 13069511

 13069511

13064391

13074631

13059271

13079751

13054151

13084871

13049031

13089991

13044167

13095111

13041863

13099975

13105095

13107143

# Harmonies

## Analogous

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



8684522



13069511



15162774

# Triad

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



13069511



11373082



42683

# Complementary

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



13069511



7128940

# 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.



42631



13069511



8100136

# Square

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



13069511



13858103



3187283



41443

# Rectangle

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



13069511



15425139



3187283



42666



# Sweetspot

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



13069511



16767999



7105735



8415872



0



8421504



# Same Dimension

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



13069511



16741375



13069466



6511203



10682531



2359332



# Inverse Universe

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



13069511



16741375



7128986



6511203



10682531

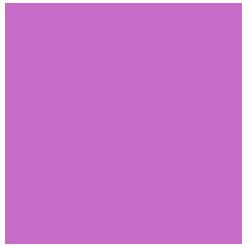


2359332



# Previews

## White Background



This preview shows how the Decimal color 13069511 looks on a white background.

## Color Contrast Check

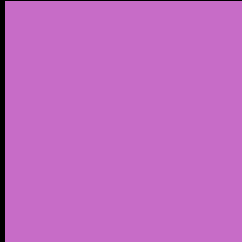
Large Text (above 18pt) WCAG AA ✓ Pass

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 13069511 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 13069511 Background



This preview shows how black text looks on a background with the Decimal color 13069511.




This preview shows how white text looks on a background with the Decimal color 13069511.

# 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





**Tritanopia**  
12548997

# Trichromacy



**Original Color**  
13069511



**Protanomaly**  
9339096



**Deuteranomaly**  
10059971



**Tritanomaly**  
12744349

# Monochromacy



**Original Color**  
13069511



**Achromatopsia**  
9605778



**Achromatomaly**  
10847397

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13069511 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 #C76CC7 looks like.

```
.text, #text, p{  
    color:#C76CC7  
}
```

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 #C76CC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76CC7
}
```

## Border

The CSS property to change the border of an element to Decimal 13069511 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
#C76CC7 }
```

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

```
.border{ border-color:#C76CC7 }
```

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

Here you see how a box with a 4 pixel #C76CC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76CC7; -webkit-box-shadow:4px 4px  
4px 4px #C76CC7; box-shadow:4px 4px 4px  
4px #C76CC7 }
```

# Background

The CSS property to change the background color of an element to Decimal 13069511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76CC7 }
```

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

```
.background{ background-color:#C76CC7 }
```

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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