

# Converting Colors

Decimal(13059252)

Have a look what the booklet for  
Decimal(13059252) contains.

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# Color

**Decimal(13059252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C744B4
RGB	199, 68, 180
RGB Percent	78%, 27%, 71%
CMY	0.2196, 0.7333, 0.2941
CMYK	0.00, 0.66, 0.10, 0.22
HSL	309°, 54%, 52%
HSV	309°, 66%, 78%
XYZ	33.8585, 19.5716, 45.1732
YIQ	119.9370, 42.1240, 62.6040

# Conversions

## Conversions Part 2

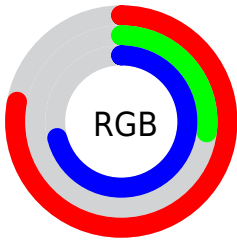
Format	Color
<a href="#">RYB</a>	<a href="#">199, 68, 180</a>
Decimal	<a href="#">13059252</a>
CIELab	<a href="#">51.35, 64.14, -33.05</a>
CIElCh	<a href="#">51, 72.156, 332.743</a>
Yxy	<a href="#">19.5716, 0.3434, 0.1985</a>
Android (android.graphics.Color)	<a href="#">4291249332 (0xFFC744B4)</a>
YUV	<a href="#">119.9370, 29.6111, 69.3383</a>
Hunter-Lab	<a href="#">44.2399, 59.1934, -29.5729</a>

# Details

The Decimal color **13059252** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **4507479**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **16743916**, and **9306239** is the 20% darker color. If you saturate the color by 10%, you get **13054129**, and if you desaturate by 10%, it is **13064375**.

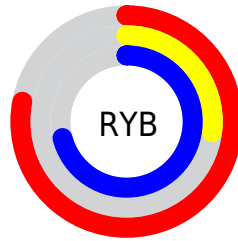
# Distribution



Red (78%)

Green (27%)

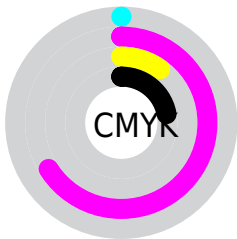
Blue (71%)



Red (78%)

Yellow (27%)

Blue (71%)

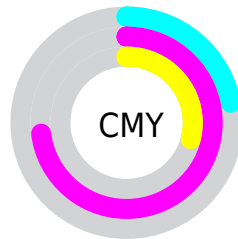


Cyan (0%)

Magenta (66%)

Yellow (10%)

Black (22%)



Cyan (22%)

Magenta (73%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13059252 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 13059252 by changing the saturation by 10% instead.



 13059252

 13059252

16777215

 11150489

 16743916

 9306239

 16751103

 7471205

 16758527

 5636173

 16765951

 3997750

 16773631

 2097184

 2

 0

 13059252

 13059252

■ 13054129

■ 13064375

■ 13049006

■ 13069498

■ 13043883

■ 13074621

■ 13041834

■ 13079744

■ 13084866

■ 13089733

■ 13094856

■ 13099979

■ 13105102

# Harmonies

## Analogous

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



8218595



13059252



14953335

# Triad

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



13059252



9402880



38332

# Complementary

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



13059252



4507479

# 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.



38270



13059252



5212416

# Square

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



13059252



12542208



37182



36840

# Rectangle

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



13059252



14955855



37182



38313



# Sweetspot

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



13059252



16764152



5588167



8413563



0



8421504



# Same Dimension

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



13059252



16725730



13059188



6511202



10682508



2359327



# Inverse Universe

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



13059252



16725730



4507543



6511202



10682508



2359327



# Previews

## White Background



This preview shows how the Decimal color 13059252 looks on a white background.

## Color Contrast Check

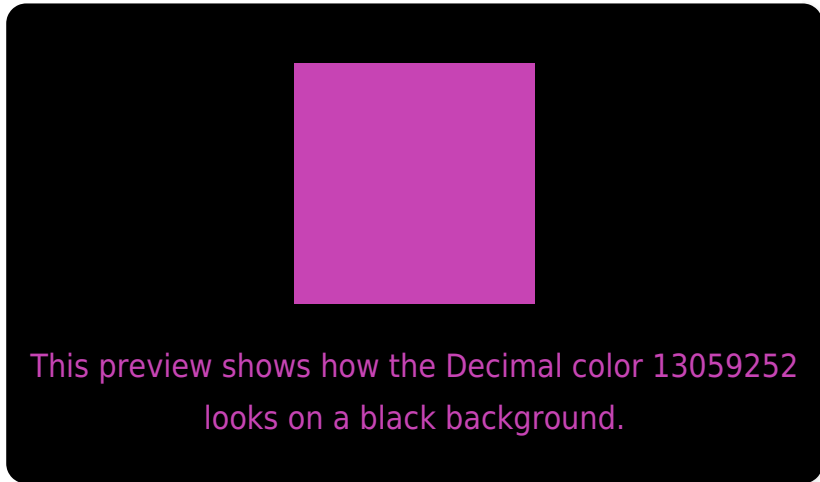
Large Text (above 18pt) WCAG AA ✓ Pass

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

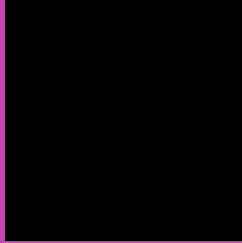
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13059252 Background



This preview shows how black text looks on a background with the Decimal color 13059252.

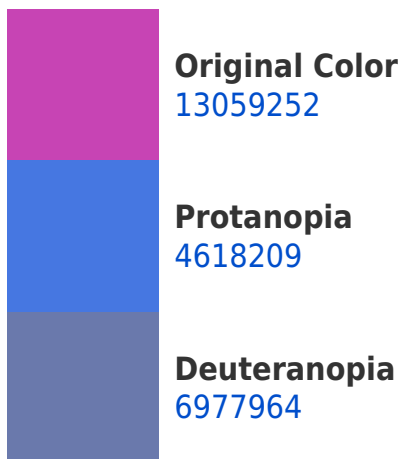


This preview shows how white text looks on a background with the Decimal color 13059252.

# 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**  
13059252



**Protanomaly**  
7693521



**Deuteranomaly**  
9201327



**Tritanomaly**  
12735360

# Monochromacy



**Original Color**  
13059252



**Achromatopsia**  
7895160



**Achromatomaly**  
9790862

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13059252 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 #C744B4 looks like.

```
.text, #text, p{  
    color:#C744B4  
}
```

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 #C744B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C744B4
}
```

## Border

The CSS property to change the border of an element to Decimal 13059252 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
#C744B4 }
```

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

```
.border{ border-color:#C744B4 }
```

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

Here you see how a box with a 4 pixel #C744B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C744B4; -webkit-box-shadow:4px 4px  
4px 4px #C744B4; box-shadow:4px 4px 4px  
4px #C744B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 13059252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C744B4 }
```

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

```
.background{ background-color:#C744B4 }
```

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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