

# Converting Colors

Decimal(13336472)

Have a look what the booklet for  
Decimal(13336472) contains.

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# **Color**

**Decimal(13336472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB7F98
RGB	203, 127, 152
RGB Percent	80%, 50%, 60%
CMY	0.2039, 0.5020, 0.4039
CMYK	0.00, 0.37, 0.25, 0.20
HSL	340°, 42%, 65%
HSV	340°, 37%, 80%
XYZ	37.8855, 30.1423, 33.5270
YIQ	152.5740, 37.2710, 23.8870

# Conversions

## Conversions Part 2

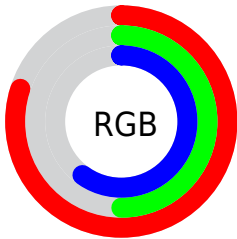
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 127, 152
Decimal	13336472
CIE Lab	61.78, 32.73, -0.96
CIE LCh	62, 32.741, 358.326
Yxy	30.1423, 0.3731, 0.2968
Android (android.graphics.Color)	4291526552 (0xFFCB7F98)
YUV	152.5740, -0.2830, 44.2236
Hunter-Lab	54.9020, 27.0967, 2.2247

# Details

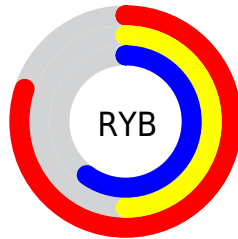
The Decimal color **13336472** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **8375218**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16758222**, and **9653349** is the 20% darker color. If you saturate the color by 10%, you get **13331338**, and if you desaturate by 10%, it is **13341606**.

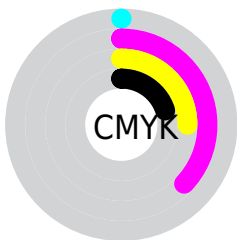
# Distribution



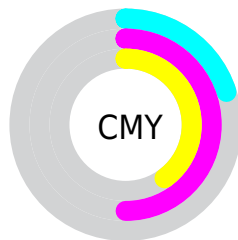
- Red (80%)
- Green (50%)
- Blue (60%)



- Red (80%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (37%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (50%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13336472 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 13336472 by changing the saturation by 10% instead.



 13336472

 13336472

16777215

 11494782

 16758222

 9653349

 16765418

 7877709

 16772607

 6167607

 4456737

 3014666

 0

 13336472

 13336472

 13331338

 13341606

 13325949

 13346995

 13320815

 13352129

 13315682

 13357262

 13310548

 13362652

 13305158

 13367786

 13303875

 13369335

 13369343

# Harmonies

## Analogous

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



12092596



13336472



13468027

# Triad

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



13336472



9215073



3776710

# Complementary

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



13336472



8375218

# 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.



2466992



13336472



6988406

# Square

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



13336472



11178843



4564371



6920655

# Rectangle

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



13336472



13076075



4564371



2925248



# Sweetspot

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



13336472



16770028



11698123



8417140



0



8421504



# Same Dimension

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



13336472



16747698



13339775



6708319



10879031



2490381



# Inverse Universe

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



13336472



16747698



8371915



6708319



10879031

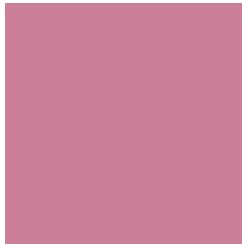


2490381



# Previews

## White Background



This preview shows how the Decimal color 13336472 looks on a white background.

## Color Contrast Check

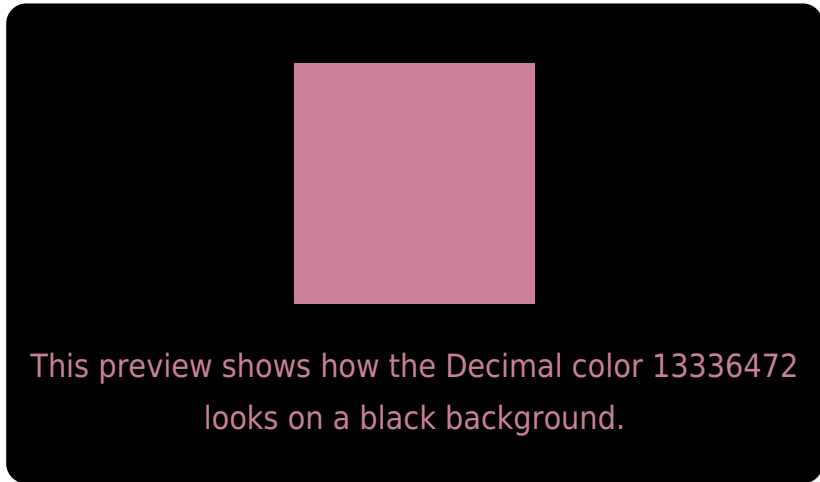
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Decimal 13336472 Background



This preview shows how black text looks on a background with the Decimal color 13336472.



This preview shows how white text looks on a background with the Decimal color 13336472.

# 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**  
13336472

**Protanopia**  
9737637

**Deuteranopia**  
10785173



**Tritanopia**  
13271435

# Trichromacy



**Original Color**  
13336472

**Protanomaly**  
11046304

**Deuteranomaly**  
11700886

**Tritanomaly**  
13271184

# Monochromacy



**Original Color**  
13336472

**Achromatopsia**  
10066329

**Achromatomaly**  
11243673

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13336472 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 #CB7F98 looks like.

```
.text, #text, p{  
    color:#CB7F98  
}
```

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 #CB7F98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7F98
}
```

## Border

The CSS property to change the border of an element to Decimal 13336472 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
#CB7F98 }
```

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

```
.border{ border-color:#CB7F98 }
```

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

Here you see how a box with a 4 pixel #CB7F98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7F98; -webkit-box-shadow:4px 4px  
4px 4px #CB7F98; box-shadow:4px 4px 4px  
4px #CB7F98 }
```

# Background

The CSS property to change the background color of an element to Decimal 13336472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7F98 }
```

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

```
.background{ background-color:#CB7F98 }
```

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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