

# Converting Colors

Decimal(13400760)

Have a look what the booklet for  
Decimal(13400760) contains.

<b>Decimal(13400760)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13400760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7AB8
RGB	204, 122, 184
RGB Percent	80%, 48%, 72%
CMY	0.2000, 0.5216, 0.2784
CMYK	0.00, 0.40, 0.10, 0.20
HSL	315°, 45%, 64%
HSV	315°, 40%, 80%
XYZ	40.5131, 30.2171, 49.0446
YIQ	153.5860, 28.9700, 36.6660

# Conversions

## Conversions Part 2

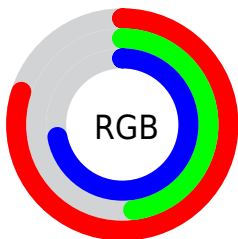
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 122, 184
Decimal	13400760
CIE <sub>Lab</sub>	61.84, 40.77, -19.10
CIE <sub>LCh</sub>	62, 45.021, 334.894
Yxy	30.2171, 0.3382, 0.2523
Android (android.graphics.Color)	4291590840 (0xFFCC7AB8)
YUV	153.5860, 14.9941, 44.2131
Hunter-Lab	54.9701, 35.3572, -14.4198

# Details

The Decimal color **13400760** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **8047758**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16756976**, and **9717635** is the 20% darker color. If you saturate the color by 10%, you get **13395635**, and if you desaturate by 10%, it is **13405885**.

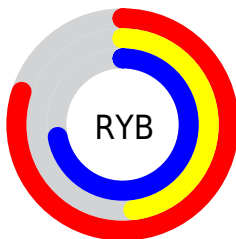
# Distribution



Red (80%)

Green (48%)

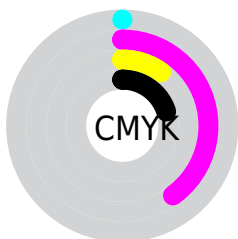
Blue (72%)



Red (80%)

Yellow (48%)

Blue (72%)

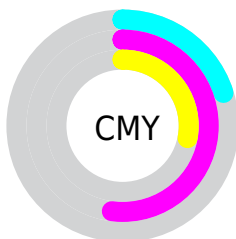


Cyan (0%)

Magenta (40%)

Yellow (10%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13400760 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 13400760 by changing the saturation by 10% instead.



 13400760

 13400760

16777215

 11559069

 16756976

 9717635

 16764159

 7941482

 16771583

 6230609

 4587578

 3080229

 589836

 0

 13400760

 13400760

13395635

13405885

13390254

13411266

13385129

13416391

13379748

13421772

13374623

13426897

13369498

13432022

13434843

13434848

13434853

# Harmonies

## Analogous

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



10586327



13400760



14644368

# Triad

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



13400760



10982723



43202

# Complementary

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



13400760



8047758

# 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.



43675



13400760



8233042

# Square

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



13400760



13141837



4695922



41693

# Rectangle

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



13400760



14710390



4695922



43446



# Sweetspot

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



13400760



16769272



9272012



8416891



0



8421504



# Same Dimension

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



13400760



16745953



13400720



6708324



10879101



2490397



# Inverse Universe

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



13400760



16745953



8047798



6708324



10879101

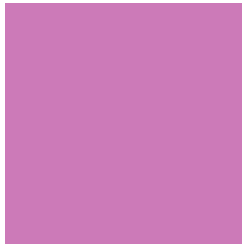


2490397



# Previews

## White Background



This preview shows how the Decimal color 13400760 looks on a white background.

## Color Contrast Check

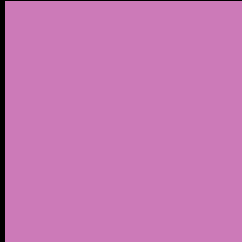
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 13400760 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 ✓ Pass

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



## Decimal 13400760 Background



This preview shows how black text looks on a background with the Decimal color 13400760.



This preview shows how white text looks on a background with the Decimal color 13400760.

# 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](#).

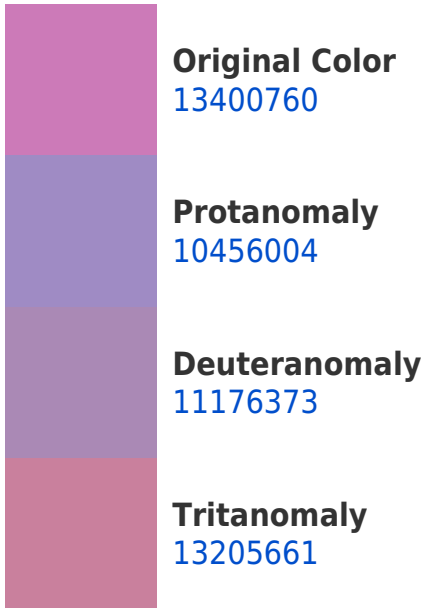
## Dichromacy





**Tritanopia**  
13075341

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13400760 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 #CC7AB8 looks like.

```
.text, #text, p{  
  color:#CC7AB8  
}
```

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 #CC7AB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7AB8
}
```

## Border

The CSS property to change the border of an element to Decimal 13400760 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
#CC7AB8 }
```

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

```
.border{ border-color:#CC7AB8 }
```

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

Here you see how a box with a 4 pixel #CC7AB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7AB8; -webkit-box-shadow:4px 4px  
4px 4px #CC7AB8; box-shadow:4px 4px 4px  
4px #CC7AB8 }
```

# Background

The CSS property to change the background color of an element to Decimal 13400760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7AB8 }
```

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

```
.background{ background-color:#CC7AB8 }
```

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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