

# Converting Colors

Decimal(13526970)

Have a look what the booklet for  
Decimal(13526970) contains.

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# **Color**

**Decimal(13526970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE67BA
RGB	206, 103, 186
RGB Percent	81%, 40%, 73%
CMY	0.1922, 0.5961, 0.2706
CMYK	0.00, 0.50, 0.10, 0.19
HSL	312°, 51%, 61%
HSV	312°, 50%, 81%
XYZ	39.1668, 26.3675, 49.4795
YIQ	143.2590, 34.7450, 47.6490

# Conversions

## Conversions Part 2

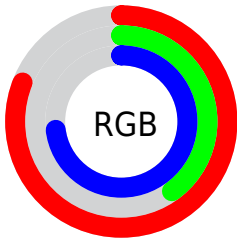
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 103, 186
Decimal	13526970
CIE Lab	58.38, 51.45, -25.51
CIE LCh	58, 57.431, 333.624
Yxy	26.3675, 0.3405, 0.2293
Android (android.graphics.Color)	4291717050 (0xFFCE67BA)
YUV	143.2590, 21.0713, 55.0239
Hunter-Lab	51.3493, 46.2900, -21.1866

# Details

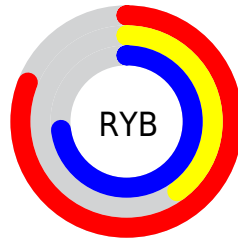
The Decimal color **13526970** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6803067**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16752114**, and **9777541** is the 20% darker color. If you saturate the color by 10%, you get **13521590**, and if you desaturate by 10%, it is **13532350**.

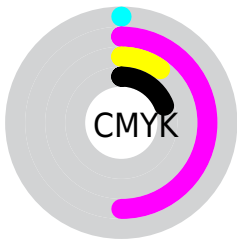
# Distribution



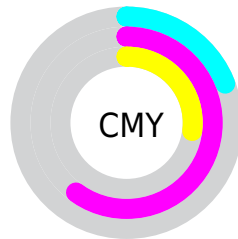
- Red (81%)
- Green (40%)
- Blue (73%)



- Red (81%)
- Yellow (40%)
- Blue (73%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (19%)



- Cyan (19%)
- Magenta (60%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13526970 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 13526970 by changing the saturation by 10% instead.



 13526970

 13526970

16777215

 11619487

 16752114

 9777541

 16759295


 7999851

 16766719

 6226003

 16774143

 4522043

 3014694

 13

 0

 13526970

 13526970

13521590

13532350

13516466

13537474

13511086

13542854

13505962

13547978

13500582

13553358

13558738

13563862

13565914

13565918

# Harmonies

## Analogous

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



9862369



13526970



15096968

# Triad

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



13526970



10587163



41923

# Complementary

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



13526970



6803067

# 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.



42129



13526970



7182641

# Square

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



13526970



13203759



368989



40422

# Rectangle

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



13526970



15163495



368989



42163



# Sweetspot

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



13526970



16767480



8021966



8415611



0



8421504



# Same Dimension

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



13526970



16738017



13526920



6708324



10879110



2490399



# Inverse Universe

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



13526970



16738017



6803117



6708324



10879110



2490399



# Previews

## White Background



This preview shows how the Decimal color 13526970 looks on a white background.

## Color Contrast Check

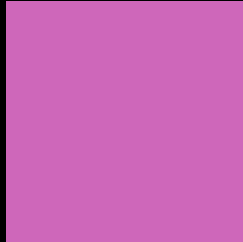
Large Text (above 18pt) WCAG AA ✓ Pass

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 13526970 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 13526970 Background



This preview shows how black text looks on a background with the Decimal color 13526970.



This preview shows how white text looks on a background with the Decimal color 13526970.

# 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](#).

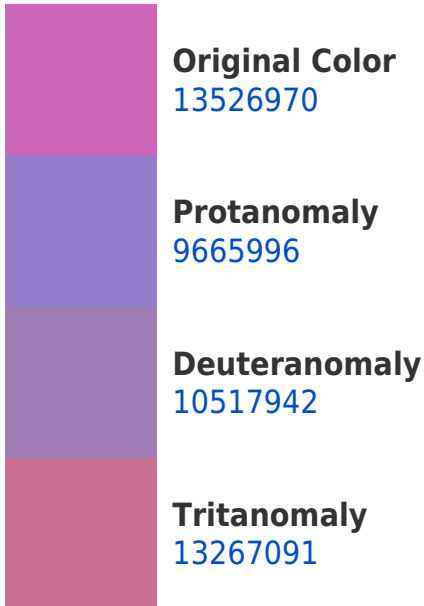
## Dichromacy





**Tritanopia**  
13071741

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13526970 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 #CE67BA looks like.

```
.text, #text, p{  
  color:#CE67BA  
}
```

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 #CE67BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE67BA
}
```

## Border

The CSS property to change the border of an element to Decimal 13526970 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
#CE67BA }
```

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

```
.border{ border-color:#CE67BA }
```

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

Here you see how a box with a 4 pixel #CE67BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE67BA; -webkit-box-shadow:4px 4px  
4px 4px #CE67BA; box-shadow:4px 4px 4px  
4px #CE67BA }
```

# Background

The CSS property to change the background color of an element to Decimal 13526970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE67BA }
```

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

```
.background{ background-color:#CE67BA }
```

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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