

# Converting Colors

Decimal(13201570)

Have a look what the booklet for  
Decimal(13201570) contains.

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# **Color**

**Decimal(13201570)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C970A2
RGB	201, 112, 162
RGB Percent	79%, 44%, 64%
CMY	0.2118, 0.5608, 0.3647
CMYK	0.00, 0.44, 0.19, 0.21
HSL	326°, 45%, 61%
HSV	326°, 44%, 79%
XYZ	36.4032, 26.6145, 37.4009
YIQ	144.3110, 36.9940, 34.4180

# Conversions

## Conversions Part 2

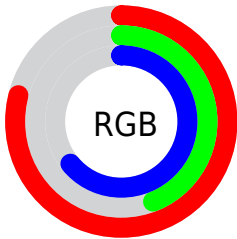
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 112, 162
Decimal	13201570
CIE Lab	58.62, 41.49, -11.42
CIE LCh	59, 43.032, 344.611
Yxy	26.6145, 0.3625, 0.2650
Android (android.graphics.Color)	4291391650 (0xFFC970A2)
YUV	144.3110, 8.7207, 49.7163
Hunter-Lab	51.5892, 35.6747, -6.8713

# Details

The Decimal color **13201570** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7391639**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16754393**, and **9518446** is the 20% darker color. If you saturate the color by 10%, you get **13196441**, and if you desaturate by 10%, it is **13206699**.

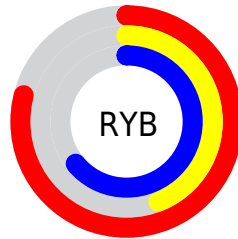
# Distribution



Red (79%)

Green (44%)

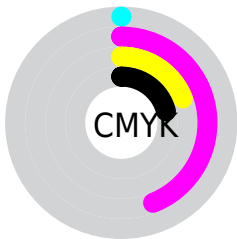
Blue (64%)



Red (79%)

Yellow (44%)

Blue (64%)

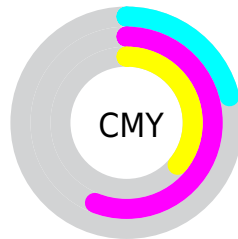


Cyan (0%)

Magenta (44%)

Yellow (19%)

Black (21%)



Cyan (21%)

Magenta (56%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13201570 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 13201570 by changing the saturation by 10% instead.



 13201570

 13201570

16777215

 11359880

 16754393

 9518446

 16761333

 7742294

 16768767

 5964607

 16776191

 4325417

 2883604

 0

 13201570

 13201570

 13196441

 13206699

 13191312

 13211828

 13186184

 13216956

 13181055

 13222085

 13175670

 13227470

 13172849

 13232599

 13237728

 13238248

 13238257

# Harmonies

## Analogous

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



11041987



13201570



13921916

# Triad

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



13201570



9605441



40641

# Complementary

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



13201570



7391639

# 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.



41119



13201570



6789717

# Square

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



13201570



11830339



2793336



38613

# Rectangle

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



13201570



13726564



2793336



40887



# Sweetspot

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



13201570



16768752



9924809



8416119



0



8421504



# Same Dimension

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



13201570



16742596



13201526



6511199



10682460



2359316



# Inverse Universe

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



13201570



16742596



7391683



6511199



10682460



2359316



# Previews

## White Background



This preview shows how the Decimal color 13201570 looks on a white background.

## Color Contrast Check

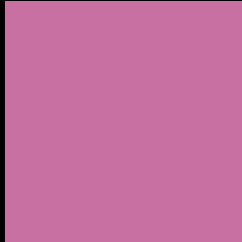
Large Text (above 18pt) WCAG AA ✓ Pass

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 13201570 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 13201570 Background



This preview shows how black text looks on a background with the Decimal color 13201570.

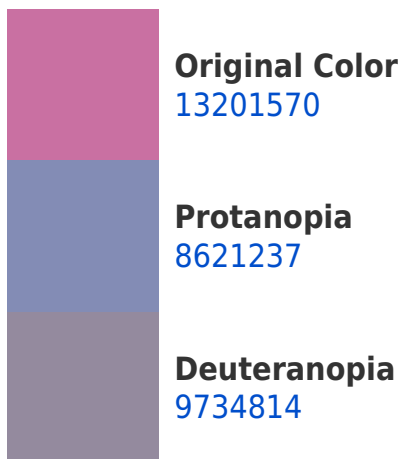



This preview shows how white text looks on a background with the Decimal color 13201570.

# 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**  
12941184

# Trichromacy



**Original Color**  
13201570

**Protanomaly**  
10257070

**Deuteranomaly**  
10977695

**Tritanomaly**  
13005964

# Monochromacy



**Original Color**  
13201570

**Achromatopsia**  
9474192

**Achromatomaly**  
10847383

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13201570 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 #C970A2 looks like.

```
.text, #text, p{  
    color:#C970A2  
}
```

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 #C970A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C970A2
}
```

## Border

The CSS property to change the border of an element to Decimal 13201570 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
#C970A2 }
```

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

```
.border{ border-color:#C970A2 }
```

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

Here you see how a box with a 4 pixel #C970A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C970A2; -webkit-box-shadow:4px 4px  
4px 4px #C970A2; box-shadow:4px 4px 4px  
4px #C970A2 }
```

# Background

The CSS property to change the background color of an element to Decimal 13201570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C970A2 }
```

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

```
.background{ background-color:#C970A2 }
```

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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