

# Converting Colors

Decimal(12808910)

Have a look what the booklet for  
Decimal(12808910) contains.

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# **Color**

**Decimal(12808910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C372CE
RGB	195, 114, 206
RGB Percent	76%, 45%, 81%
CMY	0.2353, 0.5529, 0.1922
CMYK	0.05, 0.45, 0.00, 0.19
HSL	293°, 48%, 63%
HSV	293°, 45%, 81%
XYZ	39.6636, 28.0930, 61.7245
YIQ	148.7070, 18.7440, 45.7840

# Conversions

## Conversions Part 2

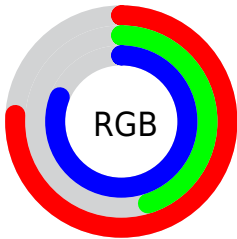
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 114, 206
Decimal	12808910
CIE Lab	59.97, 46.17, -34.54
CIE LCh	60, 57.661, 323.203
Yxy	28.0930, 0.3063, 0.2170
Android (android.graphics.Color)	4290998990 (0xFFC372CE)
YUV	148.7070, 28.2454, 40.5990
Hunter-Lab	53.0028, 40.8220, -31.9443

# Details

The Decimal color **12808910** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8244850**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16623871**, and **9125527** is the 20% darker color. If you saturate the color by 10%, you get **12672462**, and if you desaturate by 10%, it is **12945358**.

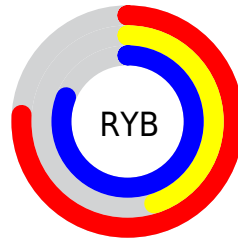
# Distribution



Red (76%)

Green (45%)

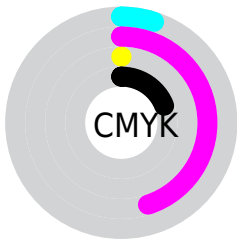
Blue (81%)



Red (76%)

Yellow (45%)

Blue (81%)

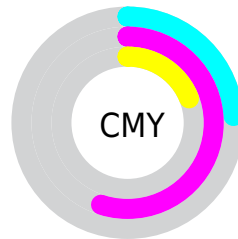


Cyan (5%)

Magenta (45%)

Yellow (0%)

Black (19%)



Cyan (24%)

Magenta (55%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12808910 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 12808910 by changing the saturation by 10% instead.



 12808910

 12808910

16777215

 10967218

 16623871

 9125527

 16762111

 7414909

 16769279

 5636964

 16776703

 3997771

 2621493

 30

 0

 12808910

 12808910

12672462

12945358

12470734

13147086

12334286

13283534

12132558

13485262

11996110

13621710

11862222

13823694

13959118

14155726

14286798

# Harmonies

## Analogous

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



8227054



12808910



15098526

# Triad

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



12808910



11897378



43447

# Complementary

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



12808910



8244850

# 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.



43139



12808910



8755754

# Square

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



12808910



14251584



4432720



42209

# Rectangle

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



12808910



15556988



4432720



43430



# Sweetspot

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



12808910



16506623



7503566



8219520



0



8421504



# Same Dimension

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



12808910



15693311



13529772



6642790



9568422



2228262



# Inverse Universe

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



13529725



16741766



7523988



6708317



10878996

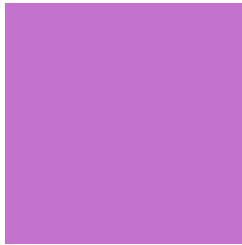


2490373



# Previews

## White Background



This preview shows how the Decimal color 12808910 looks on a white background.

## Color Contrast Check

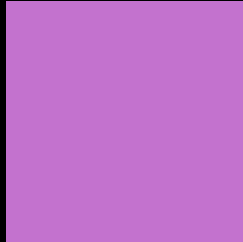
Large Text (above 18pt) WCAG AA ✓ Pass

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 12808910 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

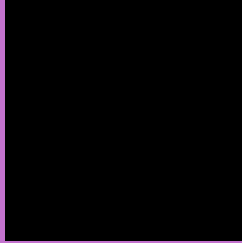
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12808910 Background



This preview shows how black text looks on a background with the Decimal color 12808910.




This preview shows how white text looks on a background with the Decimal color 12808910.

# 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**  
12222859

# Trichromacy



**Original Color**  
12808910



**Protanomaly**  
9340125



**Deuteranomaly**  
9995467



**Tritanomaly**  
12418211

# Monochromacy



**Original Color**  
12808910



**Achromatopsia**  
9803157



**Achromatomaly**  
10913962

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12808910 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 #C372CE looks like.

```
.text, #text, p{  
    color:#C372CE  
}
```

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 #C372CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C372CE
}
```

## Border

The CSS property to change the border of an element to Decimal 12808910 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
#C372CE }
```

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

```
.border{ border-color:#C372CE }
```

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

Here you see how a box with a 4 pixel #C372CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C372CE; -webkit-box-shadow:4px 4px  
4px 4px #C372CE; box-shadow:4px 4px 4px  
4px #C372CE }
```

# Background

The CSS property to change the background color of an element to Decimal 12808910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C372CE }
```

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

```
.background{ background-color:#C372CE }
```

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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