

# Converting Colors

Decimal(12817880)

Have a look what the booklet for  
Decimal(12817880) contains.

<b>Decimal(12817880)</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(12817880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C395D8
RGB	195, 149, 216
RGB Percent	76%, 58%, 85%
CMY	0.2353, 0.4157, 0.1529
CMYK	0.10, 0.31, 0.00, 0.15
HSL	281°, 46%, 72%
HSV	281°, 31%, 85%
XYZ	45.6478, 38.0549, 69.9052
YIQ	170.3920, 5.9090, 30.5890

# Conversions

## Conversions Part 2

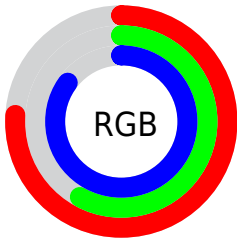
Format	Color
<a href="#">RYB</a>	<a href="#">195, 149, 216</a>
Decimal	<a href="#">12817880</a>
CIELab	<a href="#">68.06, 29.23, -27.60</a>
CIELCh	<a href="#">68, 40.201, 316.637</a>
Yxy	<a href="#">38.0549, 0.2972, 0.2477</a>
Android (android.graphics.Color)	<a href="#">4291007960 (0xFFC395D8)</a>
YUV	<a href="#">170.3920, 22.4847, 21.5812</a>
Hunter-Lab	<a href="#">61.6886, 24.1297, -24.0050</a>

# Details

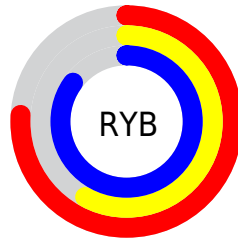
The Decimal color **12817880** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11196565**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16567551**, and **9200289** is the 20% darker color. If you saturate the color by 10%, you get **12353496**, and if you desaturate by 10%, it is **13282264**.

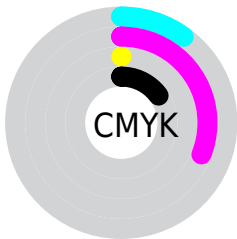
# Distribution



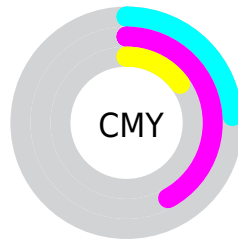
- Red (76%)
- Green (58%)
- Blue (85%)



- Red (76%)
- Yellow (58%)
- Blue (85%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (42%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12817880 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 12817880 by changing the saturation by 10% instead.



12817880

12817880

16777215

10976188

16567551

9200289

16771327

7489927

5845613

4201300

2688061

1310759

272

0

 12817880

 12817880

 12353496

 13282264

 11889368

 13746392

 11490520

 14145240

 11026392

 14609368

 10562008

 15073240

 10097624

 15531992

 9699544

 15925208

 16383960

 16777176

# Harmonies

## Analogous

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



9544683



12817880



14846904

# Triad

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



12817880



13344351



47545

# Complementary

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



12817880



11196565

# 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.



5224596



12817880



11119199

# Square

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



12817880



14914163



8434547



46810

# Rectangle

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



12817880



15436191



8434547



2079149



# Sweetspot

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



12817880



16312575



9808600



8089984



0



8421504



# Same Dimension

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



12817880



14787071



14194124



6840427



7667883



1966123



# Inverse Universe

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



14194090



16753086



9820321



7037028



11206710

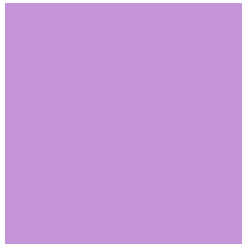


2818062



# Previews

## White Background



This preview shows how the Decimal color 12817880 looks on a white background.

## Color Contrast Check

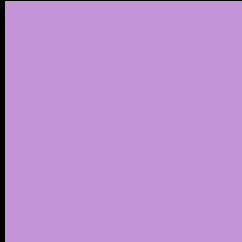
Large Text (above 18pt) WCAG AA × Fail

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 12817880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

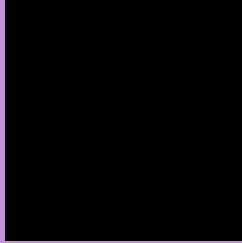
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12817880 Background



This preview shows how black text looks on a background with the Decimal color 12817880.

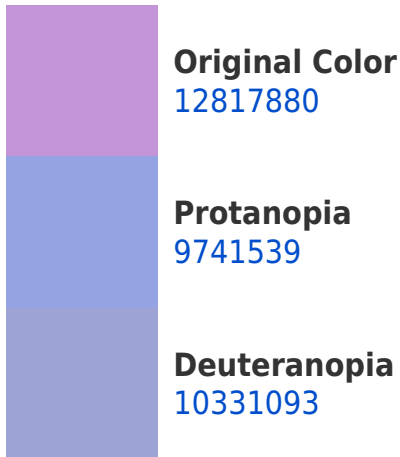



This preview shows how white text looks on a background with the Decimal color 12817880.

# 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**  
12361386

# Trichromacy



**Original Color**  
12817880

**Protanomaly**  
10854367

**Deuteranomaly**  
11247318

**Tritanomaly**  
12557243

# Monochromacy



**Original Color**  
12817880

**Achromatopsia**  
11184810

**Achromatomaly**  
11772603

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12817880 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 #C395D8 looks like.

```
.text, #text, p{  
    color:#C395D8  
}
```

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 #C395D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C395D8  
}
```

## Border

The CSS property to change the border of an element to Decimal 12817880 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  
#C395D8 }
```

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

```
.border{ border-color:#C395D8 }
```

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

Here you see how a box with a 4 pixel #C395D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C395D8; -webkit-box-shadow:4px 4px  
4px 4px #C395D8; box-shadow:4px 4px 4px  
4px #C395D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 12817880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C395D8 }
```

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

```
.background{ background-color:#C395D8 }
```

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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