

Converting Colors

Decimal(12797308)

Have a look what the booklet for
Decimal(12797308) contains.

Decimal(12797308)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12797308)

Conversions

Conversions Part 1

Format	Color
Hex	C3457C
RGB	195, 69, 124
RGB Percent	76%, 27%, 49%
CMY	0.2353, 0.7294, 0.5137
CMYK	0.00, 0.65, 0.36, 0.24
HSL	334°, 51%, 52%
HSV	334°, 65%, 76%
XYZ	28.2719, 17.3136, 20.9205
YIQ	112.9440, 57.4410, 43.8170

Conversions

Conversions Part 2

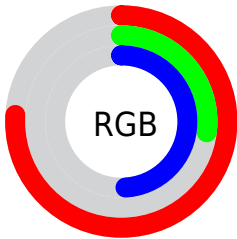
Format	Color
R_{YB}	195, 69, 124
Decimal	12797308
CIE _{Lab}	48.65, 55.09, -3.94
CIE _{LCh}	49, 55.231, 355.912
Yxy	17.3136, 0.4251, 0.2603
Android (android.graphics.Color)	4290987388 (0xFFC3457C)
YUV	112.9440, 5.4506, 71.9631
Hunter-Lab	41.6096, 48.4661, -0.6832

Details

The Decimal color **12797308** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **4572044**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16743600**, and **8978507** is the 20% darker color. If you saturate the color by 10%, you get **12792177**, and if you desaturate by 10%, it is **12802439**.

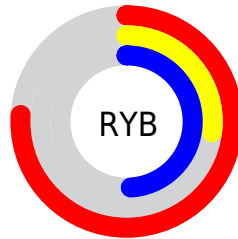
Distribution



Red (76%)

Green (27%)

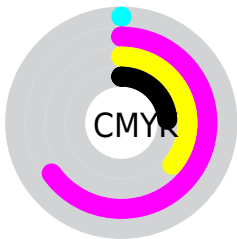
Blue (49%)



Red (76%)

Yellow (27%)

Blue (49%)

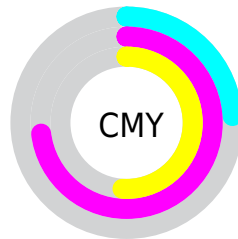


Cyan (0%)

Magenta (65%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12797308 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 12797308 by changing the saturation by 10% instead.

 12797308  12797308


16777215  10889059

 16743600  8978507

 16750796  7143477


 16757992  5308448

 16765439  3670022

 16772863  983040

 0

 12797308  12797308

 12792177  12802439

 12787302

 12807314

 12782427

 12812445

 12779605

 12817320

 12822451

 12827326

 12832457

 12837332

 12842207

Harmonies

Analogous

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



10900649



12797308



12929614

Triad

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



12797308



6520081



34240

Complementary

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



12797308



4572044

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.



35227



12797308



1672508

Square

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



12797308



9465600



35179



31697

Rectangle

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



12797308



12277042



35179



34742

Sweetspot

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



12797308



16567521



9061827



8413807



0



8421504

Same Dimension

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



12797308



16529549



12798789



6379355



10551366



2162702

Inverse Universe

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



12797308



16529549



4570563



6379355



10551366



2162702

Previews

White Background



This preview shows how the Decimal color 12797308 looks on a white 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

Black Background



This preview shows how the Decimal color 12797308 looks on a black 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

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

Decimal 12797308 Background



This preview shows how black text looks on a background with the Decimal color 12797308.



This preview shows how white text looks on a background with the Decimal color 12797308.

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



Trichromacy



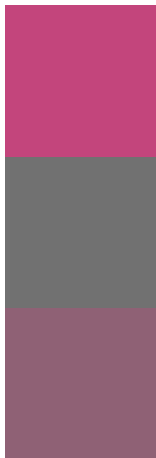
Original Color
12797308

Protanomaly
9069199

Deuteranomaly
9986424

Tritanomaly
12667746

Monochromacy



Original Color
12797308

Achromatopsia
7434609

Achromatomaly
9396597

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12797308 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 #C3457C looks like.

```
.text, #text, p{  
  color:#C3457C  
}
```

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 #C3457C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3457C
}
```

Border

The CSS property to change the border of an element to Decimal 12797308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

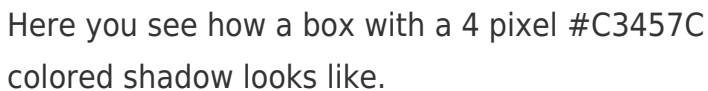
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3457C }
```

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

```
.border{ border-color:#C3457C }
```

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



Here you see how a box with a 4 pixel #C3457C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3457C; -webkit-box-shadow:4px 4px  
4px 4px #C3457C; box-shadow:4px 4px 4px  
4px #C3457C }
```

Background

The CSS property to change the background color of an element to Decimal 12797308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3457C }
```

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

```
.background{ background-color:#C3457C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor