

Converting Colors

Decimal(12991660)

Have a look what the booklet for
Decimal(12991660) contains.

Decimal(12991660)	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(12991660)

Conversions

Conversions Part 1

Format	Color
Hex	C63CAC
RGB	198, 60, 172
RGB Percent	78%, 24%, 67%
CMY	0.2235, 0.7647, 0.3255
CMYK	0.00, 0.70, 0.13, 0.22
HSL	311°, 55%, 51%
HSV	311°, 70%, 78%
XYZ	32.3510, 18.2160, 40.8407
YIQ	114.0300, 46.2960, 64.0880

Conversions

Conversions Part 2

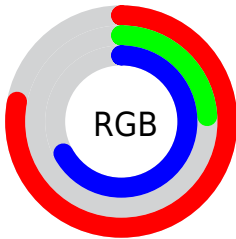
Format	Color
R_{YB}	198, 60, 172
Decimal	12991660
CIE _{Lab}	49.76, 65.67, -30.86
CIE _{LCh}	50, 72.557, 334.827
Yxy	18.2160, 0.3539, 0.1993
Android (android.graphics.Color)	4291181740 (0xFFC63CAC)
YUV	114.0300, 28.5792, 73.6417
Hunter-Lab	42.6803, 60.6097, -26.8584

Details

The Decimal color **12991660** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3982934**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **16742116**, and **9175159** is the 20% darker color. If you saturate the color by 10%, you get **12986536**, and if you desaturate by 10%, it is **12996784**.

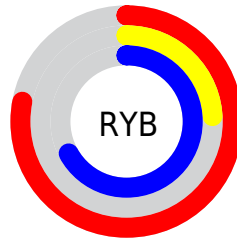
Distribution



Red (78%)

Green (24%)

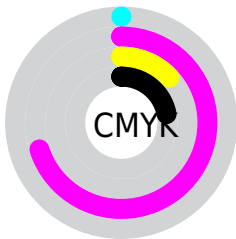
Blue (67%)



Red (78%)

Yellow (24%)

Blue (67%)

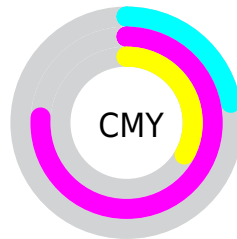


Cyan (0%)

Magenta (70%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (76%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12991660 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 12991660 by changing the saturation by 10% instead.

 12991660

 12991660

16777215

 11081617

 16742116

 9175159

 16749567

 7340126

 16756735

 5570630

 16764159

 3932208

 16771839

 1900570

 0

 12991660

 12991660

 12986536

 12996784

■ 12981413

■ 13001907

■ 12976545

■ 13006775

■ 12976289

■ 13011899

■ 13017023

■ 13022146

■ 13027270

■ 13032138

■ 13037262

Harmonies

Analogous

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



8348125



12991660



14689135

Triad

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



12991660



8877824



37052

Complementary

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



12991660



3982934

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.



37247



12991660



4490752

Square

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



12991660



12082944



36414



35559

Rectangle

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



12991660



14561607



36414



37289

Sweetspot

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



12991660



16763381



5586118



8413305



0



8421504

Same Dimension

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



12991660



16722391



12991592



6511202



10682500



2359325

Inverse Universe

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



12991660



16722391



3983002



6511202



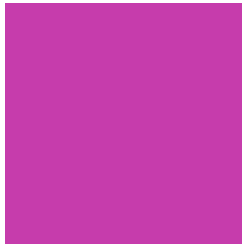
10682500



2359325

Previews

White Background



This preview shows how the Decimal color 12991660 looks on a white background.

Color Contrast Check

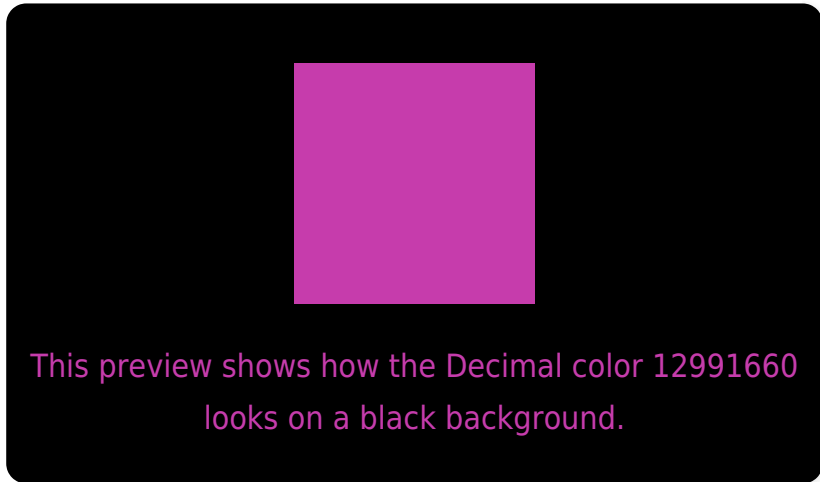
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

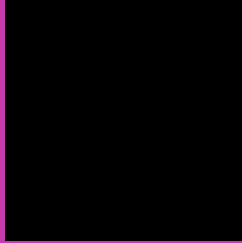
Any Text WCAG AA ✓ Pass

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 12991660 Background



This preview shows how black text looks on a background with the Decimal color 12991660.

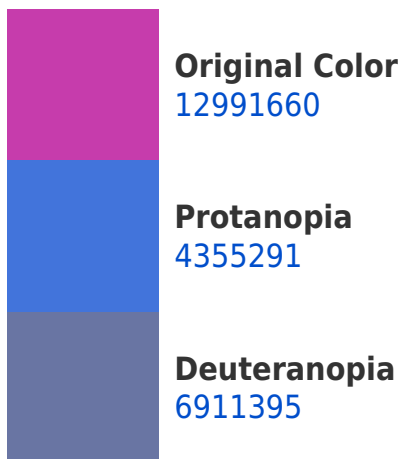


This preview shows how white text looks on a background with the Decimal color 12991660.

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
12473691

Trichromacy



Original Color

12991660



Protanomaly

7495882



Deuteranomaly

9134246



Tritanomaly

12668024

Monochromacy



Original Color

12991660



Achromatopsia

7500402



Achromatomaly

9526919

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12991660 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 #C63CAC looks like.

```
.text, #text, p{  
    color:#C63CAC  
}
```

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 #C63CAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63CAC
}
```

Border

The CSS property to change the border of an element to Decimal 12991660 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
#C63CAC }
```

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

```
.border{ border-color:#C63CAC }
```

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

Here you see how a box with a 4 pixel #C63CAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63CAC; -webkit-box-shadow:4px 4px  
4px 4px #C63CAC; box-shadow:4px 4px 4px  
4px #C63CAC }
```

Background

The CSS property to change the background color of an element to Decimal 12991660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63CAC }
```

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

```
.background{ background-color:#C63CAC }
```

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