

# Converting Colors

Decimal(12991869)

Have a look what the booklet for  
Decimal(12991869) contains.

<b>Decimal(12991869)</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(12991869)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C63D7D
RGB	198, 61, 125
RGB Percent	78%, 24%, 49%
CMY	0.2235, 0.7608, 0.5098
CMYK	0.00, 0.69, 0.37, 0.22
HSL	332°, 55%, 51%
HSV	332°, 69%, 78%
XYZ	28.6591, 16.8239, 21.1389
YIQ	109.2590, 61.1080, 48.9480

# Conversions

## Conversions Part 2

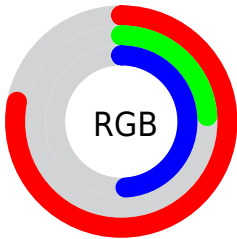
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 61, 125
Decimal	12991869
CIE <sub>Lab</sub>	48.04, 59.26, -5.40
CIE <sub>LCh</sub>	48, 59.505, 354.795
Yxy	16.8239, 0.4302, 0.2525
Android (android.graphics.Color)	4291181949 (0xFFC63D7D)
YUV	109.2590, 7.7603, 77.8259
Hunter-Lab	41.0170, 52.9407, -1.8443

# Details

The Decimal color **12991869** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4048518**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **16742066**, and **9109580** is the 20% darker color. If you saturate the color by 10%, you get **12986738**, and if you desaturate by 10%, it is **12997000**.

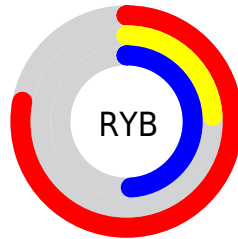
# Distribution



Red (78%)

Green (24%)

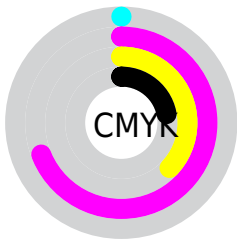
Blue (49%)



Red (78%)

Yellow (24%)

Blue (49%)

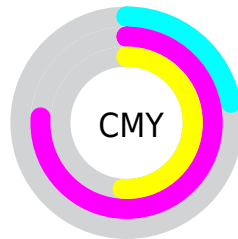


Cyan (0%)

Magenta (69%)

Yellow (37%)

Black (22%)



Cyan (22%)

Magenta (76%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12991869 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 12991869 by changing the saturation by 10% instead.



 12991869

 12991869

16777215

 11082596

 16742066

 9109580


 16749261

 7274550

 16756457

 5439520

 16763903

 3801095

 16771327

 1179648

 0

 12991869

 12991869

 12986738

 12997000

12981608

13002130

12976733

13007005

12976220

13012135

13017266

13022396

13027527

13032401

13037532

# Harmonies

## Analogous

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



10899629



12991869



13189707

# Triad

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



12991869



6388736



34244

# Complementary

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



12991869



4048518

# 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



12991869



295988

# Square

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



12991869



9530624



34919



31703

# Rectangle

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



12991869



12472364



34919



34744



# Sweetspot

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



12991869



16763362



8666566



8413295



0



8421504



# Same Dimension

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



12991869



16722830



12992317



6511198



10682444



2359313



# Inverse Universe

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



12991869



16722830



4048070



6511198



10682444



2359313



# Previews

## White Background



This preview shows how the Decimal color 12991869 looks on a white background.

## Color Contrast Check

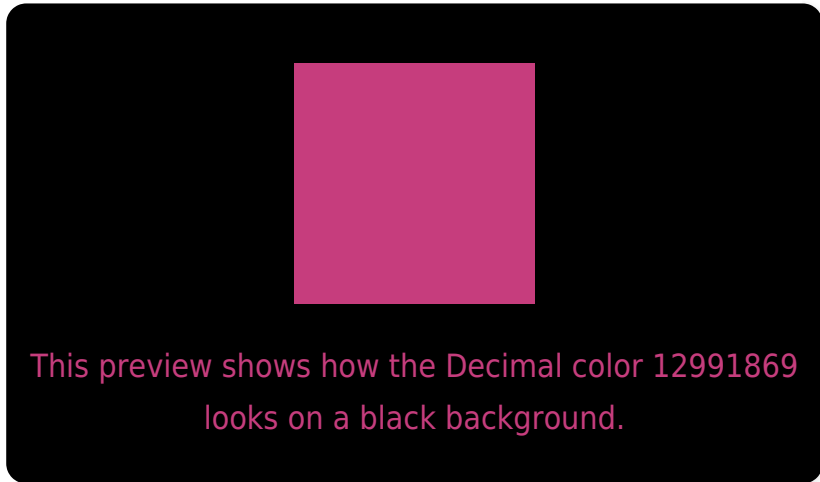
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 12991869 Background



This preview shows how black text looks on a background with the Decimal color 12991869.



This preview shows how white text looks on a background with the Decimal color 12991869.

# 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



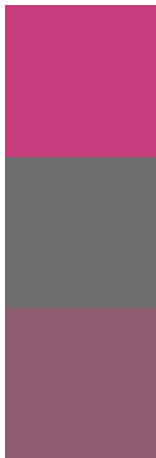
**Original Color**  
12991869

**Protanomaly**  
8937107

**Deuteranomaly**  
9919865

**Tritanomaly**  
12862814

# Monochromacy



**Original Color**  
12991869

**Achromatopsia**  
7171437

**Achromatomaly**  
9264243

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12991869 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 #C63D7D looks like.

```
.text, #text, p{  
    color:#C63D7D  
}
```

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 #C63D7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63D7D
}
```

## Border

The CSS property to change the border of an element to Decimal 12991869 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
#C63D7D }
```

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

```
.border{ border-color:#C63D7D }
```

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

Here you see how a box with a 4 pixel #C63D7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63D7D; -webkit-box-shadow:4px 4px  
4px 4px #C63D7D; box-shadow:4px 4px 4px  
4px #C63D7D }
```

# Background

The CSS property to change the background color of an element to Decimal 12991869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63D7D }
```

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

```
.background{ background-color:#C63D7D }
```

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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