

# Converting Colors

Decimal(12593820)

Have a look what the booklet for  
Decimal(12593820) contains.

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**Color**

**Decimal(12593820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C02A9C
RGB	192, 42, 156
RGB Percent	75%, 16%, 61%
CMY	0.2471, 0.8353, 0.3882
CMYK	0.00, 0.78, 0.19, 0.25
HSL	314°, 64%, 46%
HSV	314°, 78%, 75%
XYZ	28.5669, 15.2627, 32.8928
YIQ	99.8460, 52.8060, 67.2540

# Conversions

## Conversions Part 2

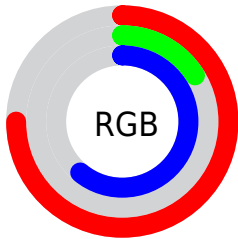
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 42, 156
Decimal	12593820
CIELab	45.99, 67.72, -27.31
CIELCh	46, 73.018, 338.032
Yxy	15.2627, 0.3723, 0.1989
Android (android.graphics.Color)	4290783900 (0xFFC02A9C)
YUV	99.8460, 27.6839, 80.8191
Hunter-Lab	39.0675, 62.1547, -22.5719

# Details

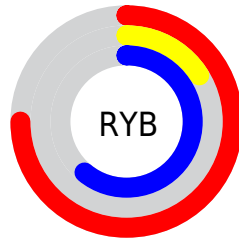
The Decimal color **12593820** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **2801742**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **16541907**, and **8781928** is the 20% darker color. If you saturate the color by 10%, you get **12588951**, and if you desaturate by 10%, it is **12598689**.

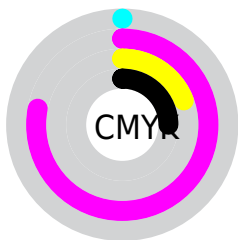
# Distribution



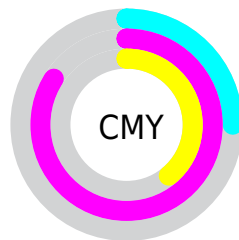
- Red (75%)
- Green (16%)
- Blue (61%)



- Red (75%)
- Yellow (16%)
- Blue (61%)



- Cyan (0%)
- Magenta (78%)
- Yellow (19%)
- Black (25%)



- Cyan (25%)
- Magenta (84%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12593820 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 12593820 by changing the saturation by 10% instead.



 12593820

 12593820

16777215

 10682498


 16541907

 8781928

 16745967

 6946896

 16753407

 5111865

 16760831

 3407907

 16768255

 983048

 16775935

 0

 12593820

 12593820

 12588951

 12598689

12584083

12603557

12583058

12608682

12613550

12618419

12623288

12628156

12633281

12638149

# Harmonies

## Analogous

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



8344527



12593820



13961823

# Triad

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



12593820



7761920



34488

# Complementary

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



12593820



2801742

# 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.



34684



12593820



3046656

# Square

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



12593820



11032576



33852



32991

# Rectangle

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



12593820



13706808



33852



34725



# Sweetspot

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



12593820



16433388



5057216



8215157



16579836



8224125



# Same Dimension

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



12593820



16388034



12593746



6379359



10551418



2162713



# Inverse Universe

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



12593820



16388034



2801816



6379359



10551418



2162713



# Previews

## White Background



This preview shows how the Decimal color 12593820 looks on a white background.

## Color Contrast Check

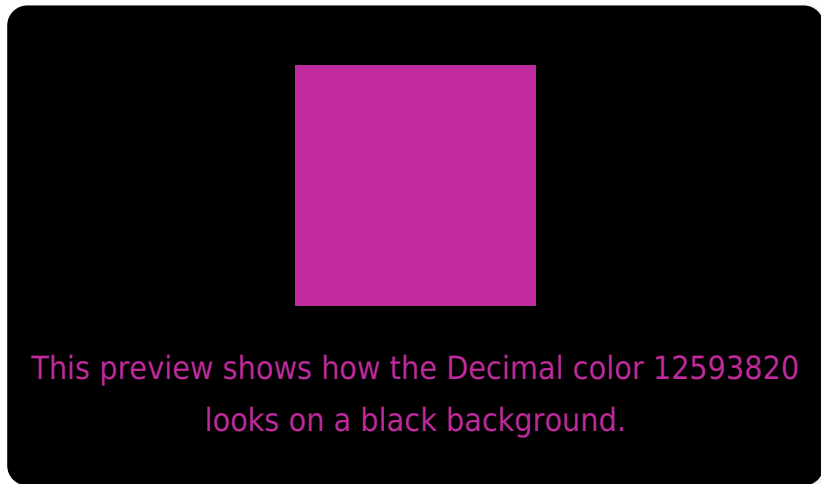
Large Text (above 18pt) WCAG AA ✓ Pass

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

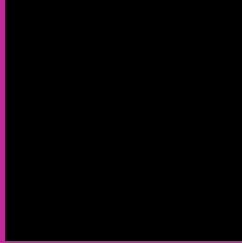
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12593820 Background



This preview shows how black text looks on a background with the Decimal color 12593820.



This preview shows how white text looks on a background with the Decimal color 12593820.

# 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**  
12593820



**Protanomaly**  
6837181



**Deuteranomaly**  
8737942



**Tritanomaly**  
12336232

# Monochromacy



**Original Color**  
12593820



**Achromatopsia**  
6579300



**Achromatomaly**  
8736632

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12593820 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 #C02A9C looks like.

```
.text, #text, p{  
    color:#C02A9C  
}
```

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 #C02A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C02A9C
}
```

## Border

The CSS property to change the border of an element to Decimal 12593820 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
#C02A9C }
```

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

```
.border{ border-color:#C02A9C }
```

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

Here you see how a box with a 4 pixel #C02A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C02A9C; -webkit-box-shadow:4px 4px  
4px 4px #C02A9C; box-shadow:4px 4px 4px  
4px #C02A9C }
```

# Background

The CSS property to change the background color of an element to Decimal 12593820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C02A9C }
```

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

```
.background{ background-color:#C02A9C }
```

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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