

# Converting Colors

Decimal(12593771)

Have a look what the booklet for  
Decimal(12593771) contains.

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# Color

**Decimal(12593771)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C02A6B
RGB	192, 42, 107
RGB Percent	75%, 16%, 42%
CMY	0.2471, 0.8353, 0.5804
CMYK	0.00, 0.78, 0.44, 0.25
HSL	334°, 64%, 46%
HSV	334°, 78%, 75%
XYZ	25.2200, 13.9239, 15.2683
YIQ	94.2600, 68.5350, 52.0150

# Conversions

## Conversions Part 2

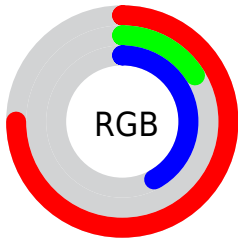
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 42, 107
Decimal	12593771
CIE <sub>Lab</sub>	44.12, 62.14, -0.24
CIE <sub>LCh</sub>	44, 62.143, 359.775
Yxy	13.9239, 0.4635, 0.2559
Android (android.graphics.Color)	4290783851 (0xFFC02A6B)
YUV	94.2600, 6.2808, 85.7180
Hunter-Lab	37.3148, 55.3423, 1.8604

# Details

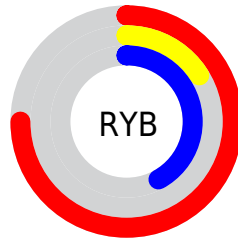
The Decimal color **12593771** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **2801791**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **16607134**, and **8716348** is the 20% darker color. If you saturate the color by 10%, you get **12588896**, and if you desaturate by 10%, it is **12598646**.

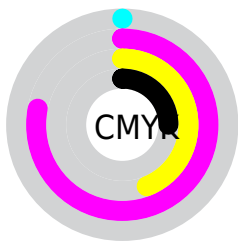
# Distribution



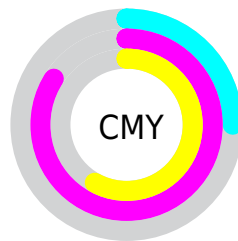
- Red (75%)
- Green (16%)
- Blue (42%)



- Red (75%)
- Yellow (16%)
- Blue (42%)



- Cyan (0%)
- Magenta (78%)
- Yellow (44%)
- Black (25%)



- Cyan (25%)
- Magenta (84%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12593771 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 12593771 by changing the saturation by 10% instead.



 12593771       12593771

16777215       10616915

 16607134       8716348

 16745401       6815783

 16752597       4980754

 16760049       3145730

 16767487       0

 16775167

 12593771       12593771

 12588896       12598646

12584021

12603521

12582995

12608652

12613527

12618401

12623276

12628151

12633282

12638157

# Harmonies

## Analogous

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



10764189



12593771



12465720

# Triad

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



12593771



4944896



31426

# Complementary

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



12593771



2801791

# 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.



32667



12593771



31536

# Square

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



12593771



8349184



32614



28625

# Rectangle

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



12593771



11552791



32614



31927



# Sweetspot

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



12593771



16433369



8334016



8215145



16579836



8224125



# Same Dimension

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



12593771



16387957



12596266



6379355



10551366



2162702



# Inverse Universe

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



12593771



16387957



2799296



6379355



10551366



2162702



# Previews

## White Background



This preview shows how the Decimal color 12593771 looks on a white background.

## Color Contrast Check

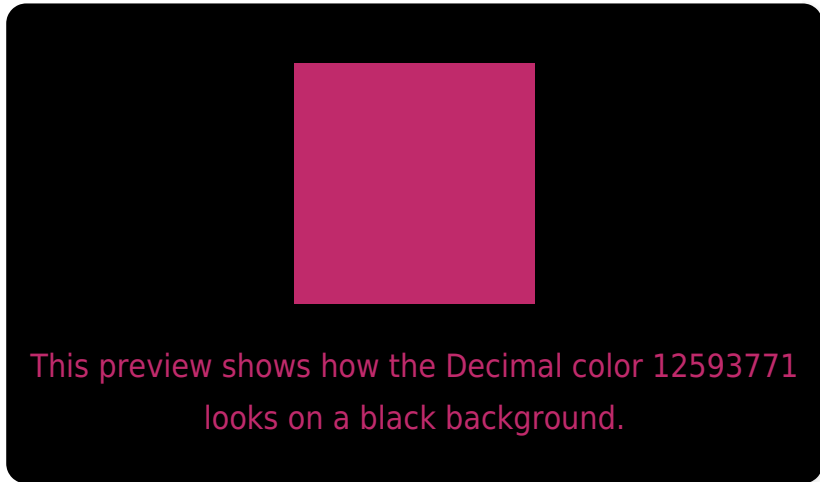
Large Text (above 18pt) WCAG AA ✓ Pass

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 12593771 Background



This preview shows how black text looks on a background with the Decimal color 12593771.



This preview shows how white text looks on a background with the Decimal color 12593771.

# Color Blindness Simulation

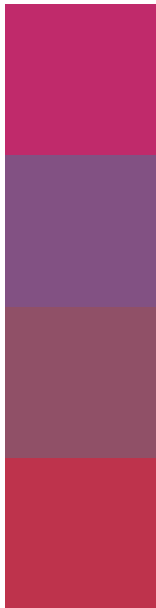
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



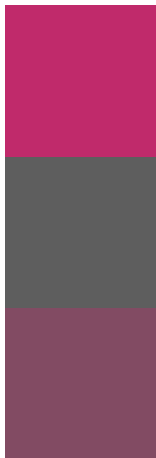
**Original Color**  
12593771

**Protanomaly**  
8540547

**Deuteranomaly**  
9457767

**Tritanomaly**  
12464972

# Monochromacy



**Original Color**  
12593771

**Achromatopsia**  
6184542

**Achromatomaly**  
8538979

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12593771 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 #C02A6B looks like.

```
.text, #text, p{  
    color:#C02A6B  
}
```

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 #C02A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C02A6B
}
```

## Border

The CSS property to change the border of an element to Decimal 12593771 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
#C02A6B }
```

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

```
.border{ border-color:#C02A6B }
```

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

Here you see how a box with a 4 pixel #C02A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C02A6B; -webkit-box-shadow:4px 4px  
4px 4px #C02A6B; box-shadow:4px 4px 4px  
4px #C02A6B }
```

# Background

The CSS property to change the background color of an element to Decimal 12593771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C02A6B }
```

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

```
.background{ background-color:#C02A6B }
```

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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