

# Converting Colors

Decimal(12859250)

Have a look what the booklet for  
Decimal(12859250) contains.

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# Color

**Decimal(12859250)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C43772
RGB	196, 55, 114
RGB Percent	77%, 22%, 45%
CMY	0.2314, 0.7843, 0.5529
CMYK	0.00, 0.72, 0.42, 0.23
HSL	335°, 56%, 49%
HSV	335°, 72%, 77%
XYZ	27.1684, 15.6830, 17.5148
YIQ	103.8850, 65.0970, 48.2410

# Conversions

## Conversions Part 2

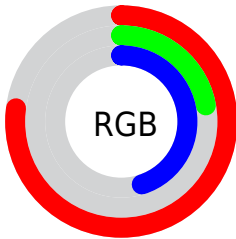
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 55, 114
Decimal	12859250
CIE <sub>Lab</sub>	46.56, 59.73, -0.92
CIE <sub>LCh</sub>	47, 59.735, 359.122
Yxy	15.6830, 0.4501, 0.2598
Android (android.graphics.Color)	4291049330 (0xFFC43772)
YUV	103.8850, 4.9867, 80.7849
Hunter-Lab	39.6018, 53.1548, 1.4990

# Details

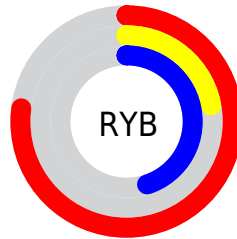
The Decimal color **12859250** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3654793**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16740774**, and **8978498** is the 20% darker color. If you saturate the color by 10%, you get **12854119**, and if you desaturate by 10%, it is **12864381**.

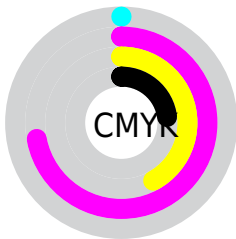
# Distribution



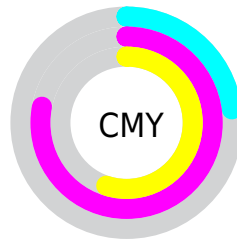
- Red (77%)
- Green (22%)
- Blue (45%)



- Red (77%)
- Yellow (22%)
- Blue (45%)



- Cyan (0%)
- Magenta (72%)
- Yellow (42%)
- Black (23%)



- Cyan (23%)
- Magenta (78%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12859250 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 12859250 by changing the saturation by 10% instead.



 12859250

 12859250

16777215

 10883674

 16740774

 8978498

 16747969

 7077932

 16755165

 5242904

 16762617

 3538946

 16770047

 327680

 0

 12859250

 12859250

 12854119

 12864381

12849243

12869257

12845138

12874388

12879264

12884395

12889526

12894402

12899533

12904409

# Harmonies

## Analogous

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



11028899



12859250



12795969

# Triad

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



12859250



5601536



32964

# Complementary

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



12859250



3654793

# 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.



34206



12859250



33079

# Square

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



12859250



8809472



34155



30163

# Rectangle

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



12859250



11947810



34155



33466



# Sweetspot

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



12859250



16762846



8861636



8412780



0



8421504



# Same Dimension

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



12859250



16721023



12861495



6379355



10551363



2162702



# Inverse Universe

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



12859250



16721023



3652548



6379355



10551363

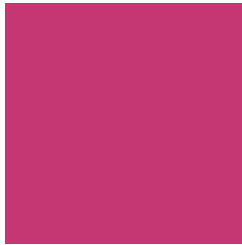


2162702



# Previews

## White Background



This preview shows how the Decimal color 12859250 looks on a white background.

## Color Contrast Check

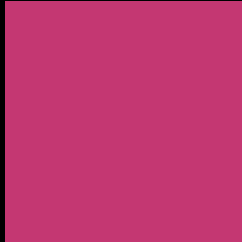
Large Text (above 18pt) WCAG AA ✓ Pass

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 12859250 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 12859250 Background



This preview shows how black text looks on a background with the Decimal color 12859250.



This preview shows how white text looks on a background with the Decimal color 12859250.

# 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



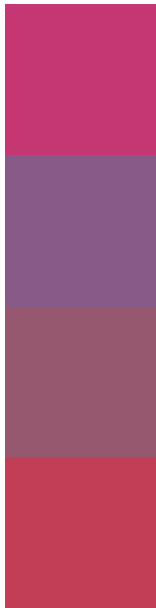
**Original Color**  
12859250

**Protanopia**  
6647444

**Deuteranopia**  
8088427



# Trichromacy



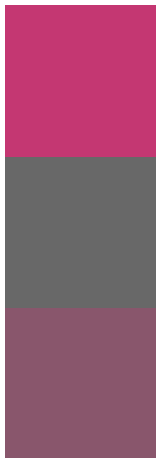
**Original Color**  
12859250

**Protanomaly**  
8936072

**Deuteranomaly**  
9853038

**Tritanomaly**  
12729942

# Monochromacy



**Original Color**  
12859250

**Achromatopsia**  
6842472

**Achromatomaly**  
9000556

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12859250 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 #C43772 looks like.

```
.text, #text, p{  
    color:#C43772  
}
```

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 #C43772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C43772
}
```

## Border

The CSS property to change the border of an element to Decimal 12859250 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
#C43772 }
```

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

```
.border{ border-color:#C43772 }
```

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

Here you see how a box with a 4 pixel #C43772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C43772; -webkit-box-shadow:4px 4px  
4px 4px #C43772; box-shadow:4px 4px 4px  
4px #C43772 }
```

# Background

The CSS property to change the background color of an element to Decimal 12859250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C43772 }
```

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

```
.background{ background-color:#C43772 }
```

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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