

# Converting Colors

Decimal(12802425)

Have a look what the booklet for  
Decimal(12802425) contains.

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# Color

**Decimal(12802425)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C35979                     |
| RGB           | 195, 89, 121               |
| RGB Percent   | 76%, 35%, 47%              |
| CMY           | 0.2353, 0.6510, 0.5255     |
| CMYK          | 0.00, 0.54, 0.38, 0.24     |
| HSL           | 342°, 47%, 56%             |
| HSV           | 342°, 54%, 76%             |
| XYZ           | 29.5292, 20.1273, 20.4178  |
| YIQ           | 124.3420, 52.9040, 32.4240 |

# Conversions

## Conversions Part 2

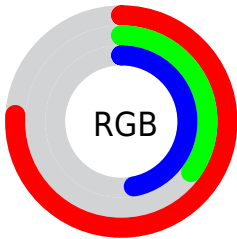
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 195, 89, 121                  |
| Decimal                             | 12802425                      |
| CIE <sub>Lab</sub>                  | 51.98, 45.62, 2.73            |
| CIE <sub>LCh</sub>                  | 52, 45.703, 3.428             |
| Yxy                                 | 20.1273, 0.4214,<br>0.2872    |
| Android<br>(android.graphics.Color) | 4290992505<br>(0xFFC35979)    |
| YUV                                 | 124.3420, -1.6476,<br>61.9671 |
| Hunter-Lab                          | 44.8635, 38.9779,<br>4.4211   |

# Details

The Decimal color **12802425** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5882787**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16682669**, and **9053001** is the 20% darker color. If you saturate the color by 10%, you get **12797291**, and if you desaturate by 10%, it is **12807559**.

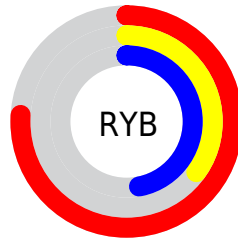
# Distribution



Red (76%)

Green (35%)

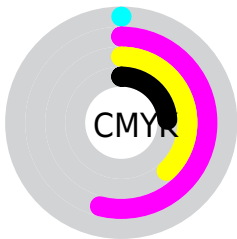
Blue (47%)



Red (76%)

Yellow (35%)

Blue (47%)

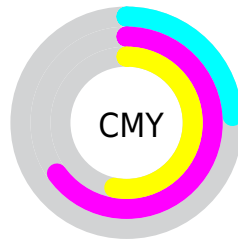


Cyan (0%)

Magenta (54%)

Yellow (38%)

Black (24%)



Cyan (24%)

Magenta (65%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12802425 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 12802425 by changing the saturation by 10% instead.



 12802425

 12802425

16777215

 10895200

 16682669

 9053001


 16755401

 7209010

 16762597

 5373982

 16770047

 3801091

 1507328

 0

 12802425

 12802425

 12797291

 12807559

 12792414

 12812436

 12787280

 12817314

 12782403

 12822447

 12779579

 12827581

 12832459

 12837336

 12842470

 12845044

# Harmonies

## Analogous

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



11493536



12802425



12672851

# Triad

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



12802425



6653495



35265

# Complementary

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



12802425



5882787

# 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.



36518



12802425



2854231

# Square

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



12802425



9337641



36735



3506122

# Rectangle

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



12802425



11888702



36735



35770



# Sweetspot

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



12802425



16569568



10574275



8415087



0



8421504



# Same Dimension

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



12802425



16537738



12807257



6379354



10551344



2162698



# Inverse Universe

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



12802425



16537738



5877955



6379354



10551344



2162698



# Previews

## White Background



This preview shows how the Decimal color 12802425 looks on a white background.

## Color Contrast Check

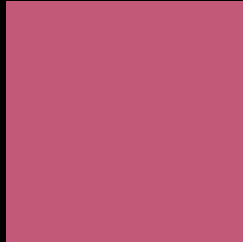
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12802425 looks on a 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 12802425 Background



This preview shows how black text looks on a background with the Decimal color 12802425.

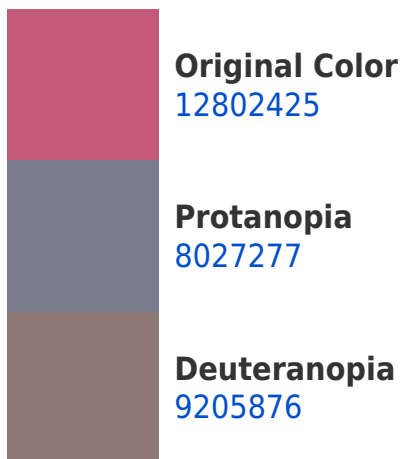


This preview shows how white text looks on a background with the Decimal color 12802425.

# 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



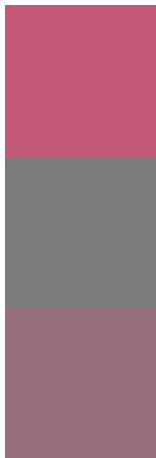
**Original Color**  
12802425

**Protanomaly**  
9793414

**Deuteranomaly**  
10513782

**Tritanomaly**  
12737644

# Monochromacy



**Original Color**  
12802425

**Achromatopsia**  
8158332

**Achromatomaly**  
9858939

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12802425 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 #C35979 looks like.

```
.text, #text, p{  
    color:#C35979  
}
```

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 #C35979 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35979
}
```

## Border

The CSS property to change the border of an element to Decimal 12802425 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
#C35979 }
```

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

```
.border{ border-color:#C35979 }
```

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

Here you see how a box with a 4 pixel #C35979 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35979; -webkit-box-shadow:4px 4px  
4px 4px #C35979; box-shadow:4px 4px 4px  
4px #C35979 }
```

# Background

The CSS property to change the background color of an element to Decimal 12802425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35979 }
```

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

```
.background{ background-color:#C35979 }
```

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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