

# Converting Colors

Decimal(12803221)

Have a look what the booklet for  
Decimal(12803221) contains.

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# Color

**Decimal(12803221)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C35C95
RGB	195, 92, 149
RGB Percent	76%, 36%, 58%
CMY	0.2353, 0.6392, 0.4157
CMYK	0.00, 0.53, 0.24, 0.24
HSL	327°, 46%, 56%
HSV	327°, 53%, 76%
XYZ	31.7576, 21.4263, 30.8957
YIQ	129.2950, 43.0910, 39.5630

# Conversions

## Conversions Part 2

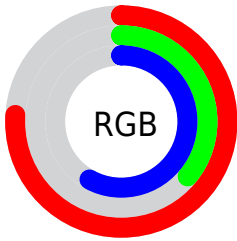
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 92, 149
Decimal	12803221
CIE Lab	53.41, 47.76, -11.75
CIE LCh	53, 49.185, 346.182
Yxy	21.4263, 0.3777, 0.2548
Android (android.graphics.Color)	4290993301 (0xFFC35C95)
YUV	129.2950, 9.7146, 57.6233
Hunter-Lab	46.2886, 41.4602, -7.1715

# Details

The Decimal color **12803221** 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 **6079370**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16683723**, and **9119330** is the 20% darker color. If you saturate the color by 10%, you get **12798348**, and if you desaturate by 10%, it is **12808094**.

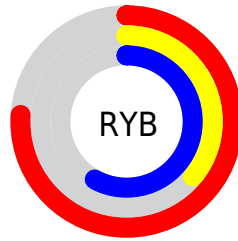
# Distribution



Red (76%)

Green (36%)

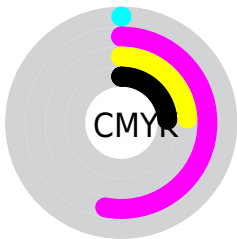
Blue (58%)



Red (76%)

Yellow (36%)

Blue (58%)

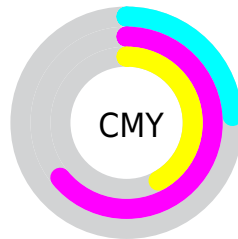


Cyan (0%)

Magenta (53%)

Yellow (24%)

Black (24%)



Cyan (24%)

Magenta (64%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12803221 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 12803221 by changing the saturation by 10% instead.





12803221



12803221

16777215



10895995



16683723



9119330



16756199



7275082



16763647



5505076



16770815



3866655



2162690



0



12803221



12803221



12798348



12808094

 12793220

 12813222

 12788347

 12818095

 12783218

 12823224

 12779628

 12828097

 12833225

 12838098

 12843227

 12845027

# Harmonies

## Analogous

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



10447803



12803221



13523562

# Triad

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



12803221



8488232



37564

# Complementary

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



12803221



6079370

# 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.



38038



12803221



5279298

# Square

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



12803221



10974761



37738



35538

# Rectangle

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



12803221



13132112



37738



37808



# Sweetspot

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



12803221



16569578



9002179



8415093



0



8421504



# Same Dimension

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



12803221



16539061



12803171



6379357



10551385



2162706



# Inverse Universe

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



12803221



16539061



6079420



6379357



10551385



2162706



# Previews

## White Background



This preview shows how the Decimal color 12803221 looks on a white background.

## Color Contrast Check

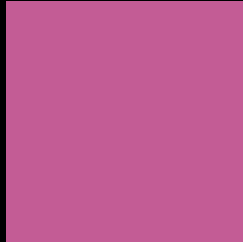
Large Text (above 18pt) WCAG AA ✓ Pass

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 12803221 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 12803221 Background



This preview shows how black text looks on a background with the Decimal color 12803221.




This preview shows how white text looks on a background with the Decimal color 12803221.

# 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





**Tritanopia**  
12543340

# Trichromacy



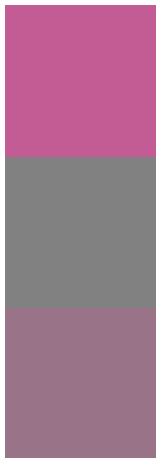
**Original Color**  
12803221

**Protanomaly**  
9466532

**Deuteranomaly**  
10252690

**Tritanomaly**  
12608123

# Monochromacy



**Original Color**  
12803221

**Achromatopsia**  
8487297

**Achromatomaly**  
10056840

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12803221 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 #C35C95 looks like.

```
.text, #text, p{  
  color:#C35C95  
}
```

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 #C35C95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35C95
}
```

## Border

The CSS property to change the border of an element to Decimal 12803221 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
#C35C95 }
```

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

```
.border{ border-color:#C35C95 }
```

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

Here you see how a box with a 4 pixel #C35C95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35C95; -webkit-box-shadow:4px 4px  
4px 4px #C35C95; box-shadow:4px 4px 4px  
4px #C35C95 }
```

# Background

The CSS property to change the background color of an element to Decimal 12803221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35C95 }
```

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

```
.background{ background-color:#C35C95 }
```

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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