

# Converting Colors

Decimal(12920293)

Have a look what the booklet for  
Decimal(12920293) contains.

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# Color

**Decimal(12920293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C525E5
RGB	197, 37, 229
RGB Percent	77%, 15%, 90%
CMY	0.2275, 0.8549, 0.1020
CMYK	0.14, 0.84, 0.00, 0.10
HSL	290°, 79%, 52%
HSV	290°, 84%, 90%
XYZ	37.8304, 18.8506, 75.7734
YIQ	106.7280, 33.7280, 93.6320

# Conversions

## Conversions Part 2

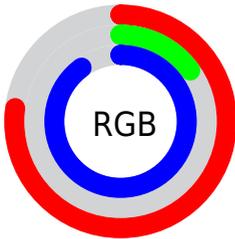
Format	Color
<a href="#">RYB</a>	<a href="#">197, 37, 229</a>
Decimal	<a href="#">12920293</a>
CIELab	<a href="#">50.51, 81.10, -62.56</a>
CIElCh	<a href="#">51, 102.428, 322.356</a>
Yxy	<a href="#">18.8506, 0.2856, 0.1423</a>
Android (android.graphics.Color)	<a href="#">4291110373</a> ( <a href="#">0xFFC525E5</a> )
YUV	<a href="#">106.7280, 60.2801, 79.1685</a>
Hunter-Lab	<a href="#">43.4173, 79.5506, -73.0830</a>

# Details

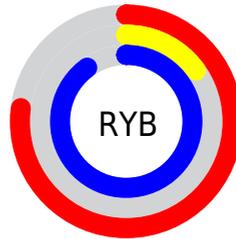
The Decimal color **12920293** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **4580645**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **16738815**, and **9044140** is the 20% darker color. If you saturate the color by 10%, you get **12652261**, and if you desaturate by 10%, it is **13188325**.

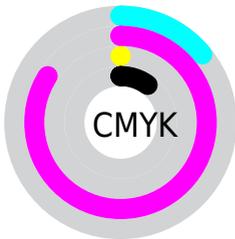
# Distribution



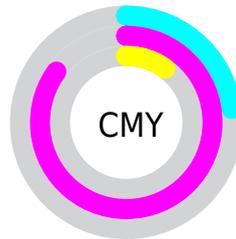
- Red (77%)
- Green (15%)
- Blue (90%)



- Red (77%)
- Yellow (15%)
- Blue (90%)



- Cyan (14%)
- Magenta (84%)
- Yellow (0%)
- Black (10%)



- Cyan (23%)
- Magenta (85%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12920293 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 12920293 by changing the saturation by 10% instead.

 12920293	 12920293
16777215	 10944712
 16738815	 9044140
 16746495	 7143569
 16754175	 5242999
 16761599	 3407965
 16769279	 983108
16776959	 813
	 279
	 0

 12920293

 12920293

 12652261

 13188325

 12517605

 13456357

 13658853

 13926885

 14194917

 14462693

 14730725

 14998757

 15201253

# Harmonies

## Analogous

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



27903



12920293



16711827

# Triad

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



12920293



10841344



39609

# Complementary

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



12920293



4580645

# 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.



39006



12920293



5408512

# Square

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



12920293



14825472



37632



39167

# Rectangle

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



12920293



16711769



37632



39324

# Sweetspot

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



12920293



16039935



2442725



7952768



0



8421504



# Same Dimension

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



12920293



13959423



15017381



7432051



9765043



2818099



# Inverse Universe

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



15017285



16711722



2483557



7563113



11730974

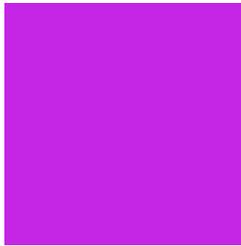


3342344



# Previews

## White Background



This preview shows how the Decimal color 12920293 looks on a white background.

## Color Contrast Check

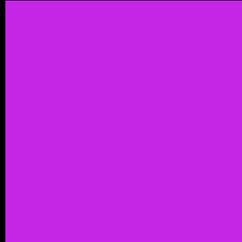
Large Text (above 18pt) WCAG AA ✓ Pass

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 12920293 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

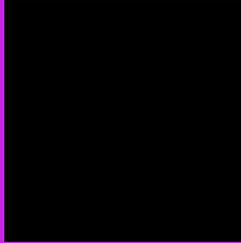
Any Text WCAG AA ✓ Pass

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 12920293 Background



This preview shows how black text looks on a background with the Decimal color 12920293.



This preview shows how white text looks on a background with the Decimal color 12920293.

# 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](#).

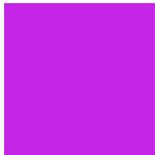
## Dichromacy





**Tritanopia**  
11820901

# Trichromacy



**Original Color**  
12920293



**Protanomaly**  
4741360

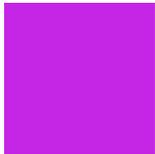


**Deuteranomaly**  
5725405



**Tritanomaly**  
12208788

# Monochromacy



**Original Color**  
12920293



**Achromatopsia**  
7039851



**Achromatomaly**  
9196183

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12920293 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 #C525E5 looks like.

```
.text, #text, p{  
    color:#C525E5  
}
```

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 #C525E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C525E5
}
```

## Border

The CSS property to change the border of an element to Decimal 12920293 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".

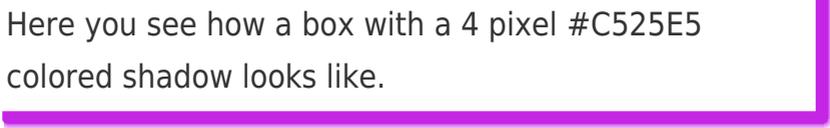
```
.border, #border, table{ border:4px solid
#C525E5 }
```

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

```
.border{ border-color:#C525E5 }
```

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

Here you see how a box with a 4 pixel #C525E5 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #C525E5 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C525E5; -webkit-box-shadow:4px 4px  
4px 4px #C525E5; box-shadow:4px 4px 4px  
4px #C525E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12920293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C525E5 }
```

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

```
.background{ background-color:#C525E5 }
```

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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