

# Converting Colors

Decimal(12919103)

Have a look what the booklet for  
Decimal(12919103) contains.

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# Color

**Decimal(12919103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5213F
RGB	197, 33, 63
RGB Percent	77%, 13%, 25%
CMY	0.2275, 0.8706, 0.7529
CMYK	0.00, 0.83, 0.68, 0.23
HSL	349°, 71%, 45%
HSV	349°, 83%, 77%
XYZ	24.4670, 13.3169, 5.9835
YIQ	85.4560, 88.1140, 44.0980

# Conversions

## Conversions Part 2

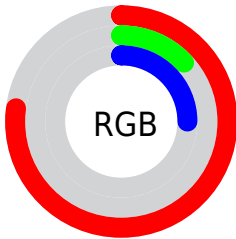
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 33, 63
Decimal	12919103
CIE <sub>Lab</sub>	43.24, 62.73, 26.10
CIE <sub>LCh</sub>	43, 67.945, 22.585
Yxy	13.3169, 0.5590, 0.3043
Android (android.graphics.Color)	4291109183 (0xFFC5213F)
YUV	85.4560, -11.0708, 97.8241
Hunter-Lab	36.4923, 55.8173, 15.8231

# Details

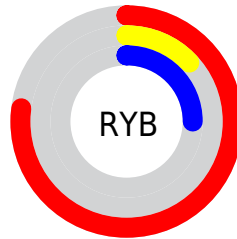
The Decimal color **12919103** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **2213287**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16736622**, and **8847381** is the 20% darker color. If you saturate the color by 10%, you get **12913967**, and if you desaturate by 10%, it is **12924239**.

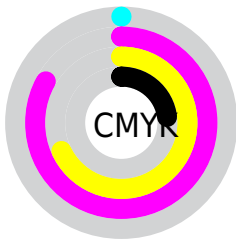
# Distribution



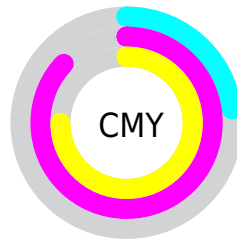
- Red (77%)
- Green (13%)
- Blue (25%)



- Red (77%)
- Yellow (13%)
- Blue (25%)



- Cyan (0%)
- Magenta (83%)
- Yellow (68%)
- Black (23%)



- Cyan (23%)
- Magenta (87%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12919103 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 12919103 by changing the saturation by 10% instead.



 12919103       12919103

16777215       10879017

 16736622       8847381


 16743816       6881280


 16751266       4915202

 16758717       2949122

 16766169       0

 16773621

 12919103       12919103

 12913967       12924239

12910628

12929119

12934255

12939391

12944527

12949408

12954544

12959680

12964560

# Harmonies

## Analogous

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



12654967



12919103



11486208

# Triad

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



12919103



30999



29399

# Complementary

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



12919103



2213287

# 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.



31680



12919103



32086

# Square

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



12919103



5533696



32400



3759823

# Rectangle

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



12919103



9918208



32400



30418



# Sweetspot

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



12919103



16760779



10953157



8411488



0



8421504



# Same Dimension

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



12919103



16711727



12932385



6511195



10682398



2359303



# Inverse Universe

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



12919103



16711727



2200005



6511195



10682398



2359303



# Previews

## White Background



This preview shows how the Decimal color 12919103 looks on a white background.

## Color Contrast Check

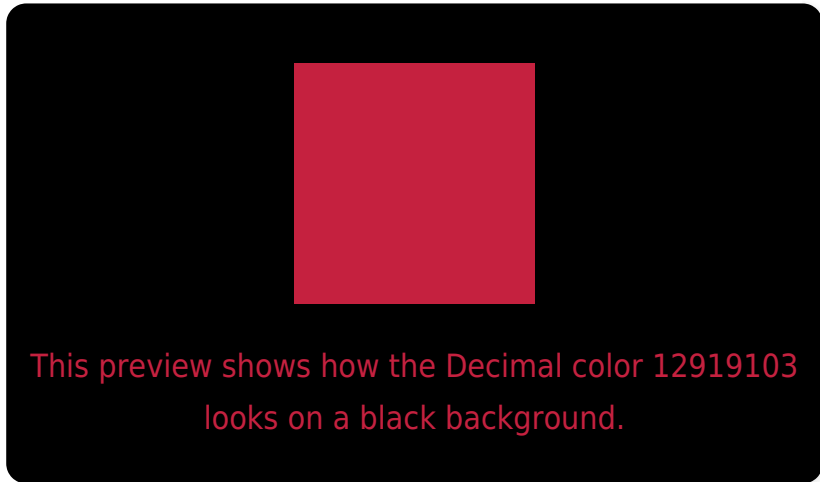
Large Text (above 18pt) WCAG AA ✓ Pass

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 12919103 Background



This preview shows how black text looks on a background with the Decimal color 12919103.



This preview shows how white text looks on a background with the Decimal color 12919103.

# 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**  
12919103

**Protanopia**  
7104345

**Deuteranopia**  
8348214



# Trichromacy



**Original Color**  
12919103

**Protanomaly**  
9195088

**Deuteranomaly**  
9980473

**Tritanomaly**  
12854575

# Monochromacy



**Original Color**  
12919103

**Achromatopsia**  
5592405

**Achromatomaly**  
8274509

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12919103 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 #C5213F looks like.

```
.text, #text, p{  
  color:#C5213F  
}
```

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 #C5213F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5213F
}
```

## Border

The CSS property to change the border of an element to Decimal 12919103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

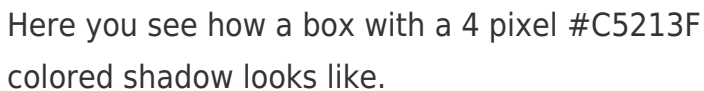
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C5213F }
```

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

```
.border{ border-color:#C5213F }
```

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



Here you see how a box with a 4 pixel `#C5213F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5213F; -webkit-box-shadow:4px 4px  
4px 4px #C5213F; box-shadow:4px 4px 4px  
4px #C5213F }
```

# Background

The CSS property to change the background color of an element to Decimal 12919103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5213F }
```

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

```
.background{ background-color:#C5213F }
```

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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