

# Converting Colors

Decimal(12983126)

Have a look what the booklet for  
Decimal(12983126) contains.

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**Color**

**Decimal(12983126)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C61B56
RGB	198, 27, 86
RGB Percent	78%, 11%, 34%
CMY	0.2235, 0.8941, 0.6627
CMYK	0.00, 0.86, 0.57, 0.22
HSL	339°, 76%, 44%
HSV	339°, 86%, 78%
XYZ	25.3603, 13.4615, 10.0658
YIQ	84.8550, 82.9770, 54.6010

# Conversions

## Conversions Part 2

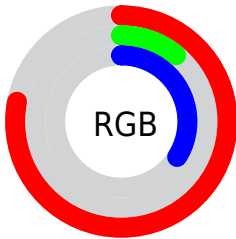
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 27, 86
Decimal	12983126
CIE <sub>Lab</sub>	43.45, 65.64, 12.07
CIE <sub>LCh</sub>	43, 66.739, 10.418
Yxy	13.4615, 0.5187, 0.2754
Android (android.graphics.Color)	4291173206 (0xFFC61B56)
YUV	84.8550, 0.5645, 99.2282
Hunter-Lab	36.6899, 59.1731, 9.4169

# Details

The Decimal color **12983126** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **1820299**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **16735879**, and **8978474** is the 20% darker color. If you saturate the color by 10%, you get **12977993**, and if you desaturate by 10%, it is **12988259**.

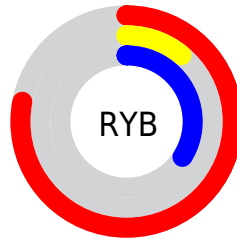
# Distribution



Red (78%)

Green (11%)

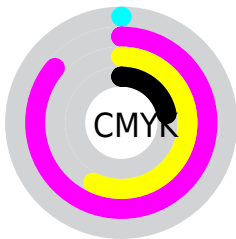
Blue (34%)



Red (78%)

Yellow (11%)

Blue (34%)

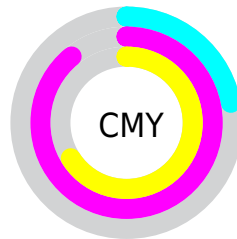


Cyan (0%)

Magenta (86%)

Yellow (57%)

Black (22%)



Cyan (22%)

Magenta (89%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12983126 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 12983126 by changing the saturation by 10% instead.



 12983126

 12983126

16777215

 10944575

 16735879

 8978474

 16743329

 7012374

 16750780

 5111810

 16758232

 3145730

 16765940

 0

 16773375

 12983126

 12983126

 12977993

 12988259

12976196

12993392

12998269

13003402

13008535

13013668

13018801

13023678

13028811

# Harmonies

## Analogous

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



11873165



12983126



12204320

# Triad

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



12983126



2717184



30672

# Complementary

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



12983126



1820299

# 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.



32174



12983126



31807

# Square

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



12983126



7105024



32377



26837

# Rectangle

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



12983126



10898688



32377



31431



# Sweetspot

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



12983126



16760276



9051078



8411238



0



8421504



# Same Dimension

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



12983126



16711768



12989723



6511197



10682424



2359308



# Inverse Universe

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



12983126



16711768



1813702



6511197



10682424



2359308



# Previews

## White Background



This preview shows how the Decimal color 12983126 looks on a white background.

## Color Contrast Check

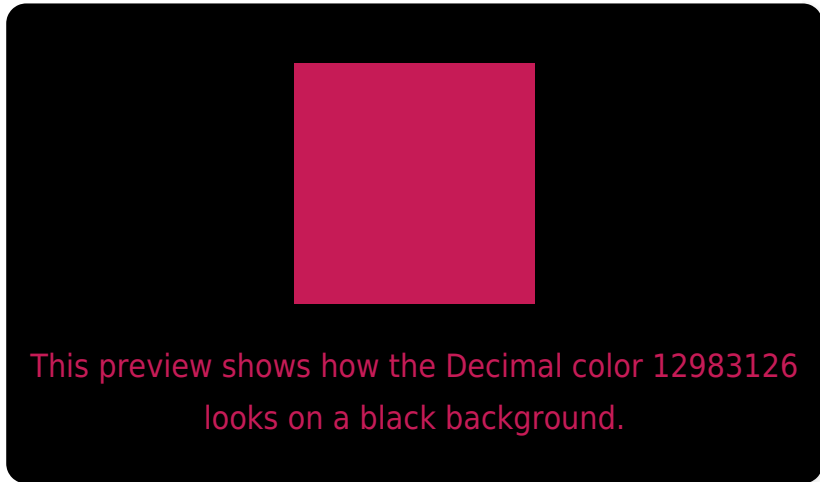
Large Text (above 18pt) WCAG AA ✓ Pass

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 12983126 Background



This preview shows how black text looks on a background with the Decimal color 12983126.

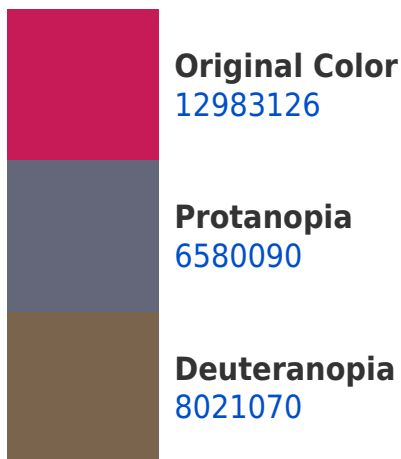


This preview shows how white text looks on a background with the Decimal color 12983126.

# Color Blindness Simulation

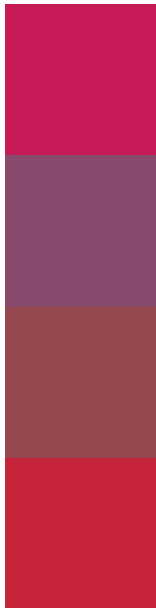
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
12983126

**Protanomaly**  
8932205

**Deuteranomaly**  
9849169

**Tritanomaly**  
12919866

# Monochromacy



**Original Color**  
12983126

**Achromatopsia**  
5592405

**Achromatomaly**  
8274005

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12983126 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 #C61B56 looks like.

```
.text, #text, p{  
  color:#C61B56  
}
```

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 #C61B56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C61B56
}
```

## Border

The CSS property to change the border of an element to Decimal 12983126 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
#C61B56 }
```

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

```
.border{ border-color:#C61B56 }
```

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

Here you see how a box with a 4 pixel #C61B56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C61B56; -webkit-box-shadow:4px 4px  
4px 4px #C61B56; box-shadow:4px 4px 4px  
4px #C61B56 }
```

# Background

The CSS property to change the background color of an element to Decimal 12983126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C61B56 }
```

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

```
.background{ background-color:#C61B56 }
```

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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