

# Converting Colors

Decimal(12829641)

Have a look what the booklet for  
Decimal(12829641) contains.

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# **Color**

**Decimal(12829641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C3C9
RGB	195, 195, 201
RGB Percent	76%, 76%, 79%
CMY	0.2353, 0.2353, 0.2118
CMYK	0.03, 0.03, 0.00, 0.21
HSL	240°, 5%, 78%
HSV	240°, 3%, 79%
XYZ	52.5634, 54.8494, 63.0749
YIQ	195.6840, -1.9260, 1.8660

# Conversions

## Conversions Part 2

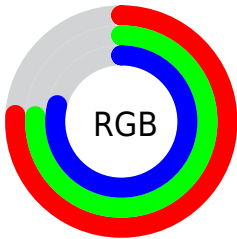
Format	Color
<a href="#">RYB</a>	<a href="#">195, 195, 201</a>
Decimal	<a href="#">12829641</a>
CIELab	<a href="#">78.95, 1.12, -3.01</a>
CIELCh	<a href="#">79, 3.212, 290.488</a>
Yxy	<a href="#">54.8494, 0.3083, 0.3217</a>
Android (android.graphics.Color)	<a href="#">4291019721</a> ( <a href="#">0xFFC3C3C9</a> )
YUV	<a href="#">195.6840, 2.6208, -0.5999</a>
Hunter-Lab	<a href="#">74.0604, -2.9175, 1.3468</a>

# Details

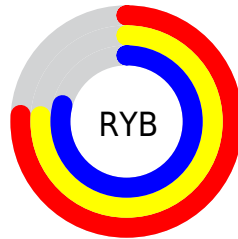
The Decimal color **12829641** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13224387**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16579839**, and **9276819** is the 20% darker color. If you saturate the color by 10%, you get **11513801**, and if you desaturate by 10%, it is **14145481**.

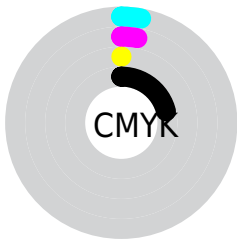
# Distribution



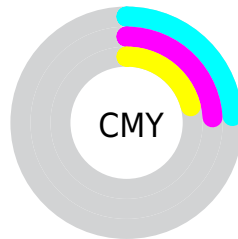
- Red (76%)
- Green (76%)
- Blue (79%)



- Red (76%)
- Yellow (76%)
- Blue (79%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (24%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12829641 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 12829641 by changing the saturation by 10% instead.



■ 12829641

■ 12829641

16777215

■ 11053230

■ 16579839

■ 9276819

■ 7631993

■ 5987169

■ 4473929

■ 3026482

■ 1644829

■ 3


■ 0

 12829641

 12829641

 11513801

 14145481

 10197961

 15461321

 8882121

 16777161

 7566281

 6184649

 4868809

 3552969

 2237129

 921289

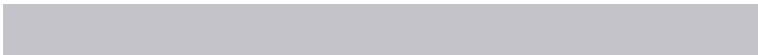
# Harmonies

## Analogous

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



12633289



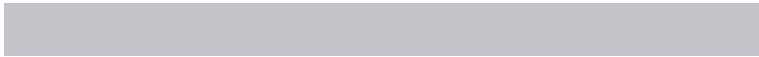
12829641



13091527

# Triad

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



12829641



13222591



12502466

# Complementary

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



12829641



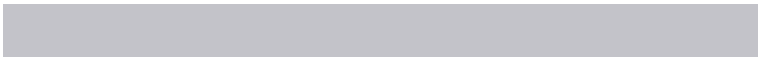
13224387

# 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.



12633536



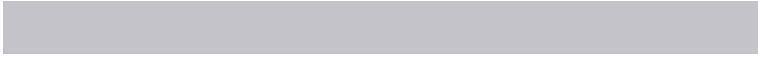
12829641



13091774

# Square

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



12829641



13288129



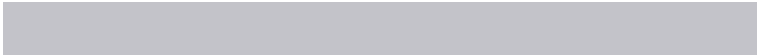
12895422



12371397

# Rectangle

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



12829641



13157062



12895422

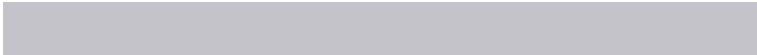


12502465



# Sweetspot

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



12829641



16579839



12831177



8289920



0

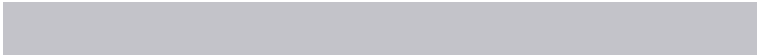


8421504



# Same Dimension

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



12829641



16119295



13026249



6184547



163



36



# Inverse Universe

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



13222857



16774655



13027779



6512227



10682531

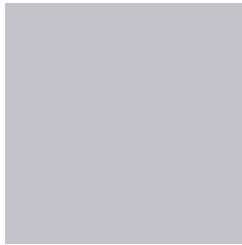


2359332



# Previews

## White Background



This preview shows how the Decimal color 12829641 looks on a white background.

## Color Contrast Check

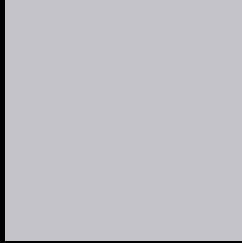
Large Text (above 18pt) WCAG AA × Fail

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 12829641 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

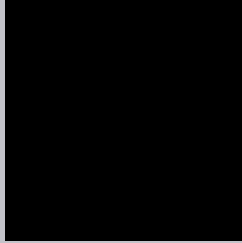
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

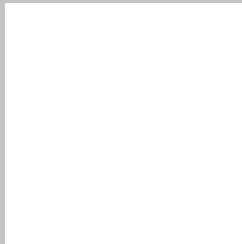
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12829641 Background



This preview shows how black text looks on a background with the Decimal color 12829641.

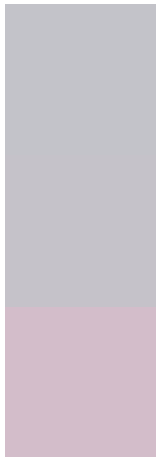


This preview shows how white text looks on a background with the Decimal color 12829641.

# 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**  
12829641

**Protanopia**  
12960457

**Deuteranopia**  
13876682



**Tritanopia**  
12894929

# Trichromacy



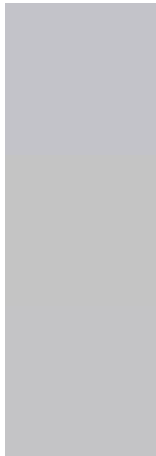
**Original Color**  
12829641

**Protanomaly**  
12894921

**Deuteranomaly**  
13483978

**Tritanomaly**  
12894926

# Monochromacy



**Original Color**  
12829641

**Achromatopsia**  
12895428

**Achromatomaly**  
12895430

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12829641 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 #C3C3C9 looks like.

```
.text, #text, p{  
  color:#C3C3C9  
}
```

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 #C3C3C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C3C9
}
```

## Border

The CSS property to change the border of an element to Decimal 12829641 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
#C3C3C9 }
```

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

```
.border{ border-color:#C3C3C9 }
```

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

Here you see how a box with a 4 pixel `#C3C3C9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C3C9; -webkit-box-shadow:4px 4px  
4px 4px #C3C3C9; box-shadow:4px 4px 4px  
4px #C3C3C9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12829641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C3C9 }
```

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

```
.background{ background-color:#C3C3C9 }
```

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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