

# Converting Colors

Decimal(12967402)

Have a look what the booklet for  
Decimal(12967402) contains.

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# **Color**

**Decimal(12967402)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5DDEA
RGB	197, 221, 234
RGB Percent	77%, 87%, 92%
CMY	0.2275, 0.1333, 0.0824
CMYK	0.16, 0.06, 0.00, 0.08
HSL	201°, 47%, 85%
HSV	201°, 16%, 92%
XYZ	63.7337, 69.5237, 87.9022
YIQ	215.3060, -18.4770, -1.0450

# Conversions

## Conversions Part 2

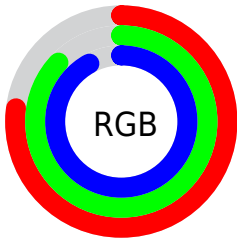
Format	Color
R <sub>YB</sub>	197, 212, 234
Decimal	12967402
CIE Lab	86.76, -5.31, -9.05
CIE LCh	87, 10.491, 239.616
Yxy	69.5237, 0.2882, 0.3144
Android (android.graphics.Color)	4291157482 (0xFFC5DDEA)
YUV	215.3060, 9.2161, -16.0544
Hunter-Lab	83.3809, -9.4769, -4.1384

# Details

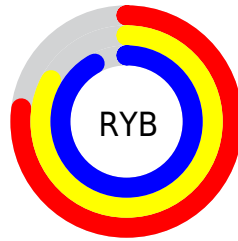
The Decimal color **12967402** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15389381**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16711679**, and **9414322** is the 20% darker color. If you saturate the color by 10%, you get **11458026**, and if you desaturate by 10%, it is **14476778**.

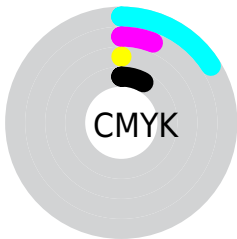
# Distribution



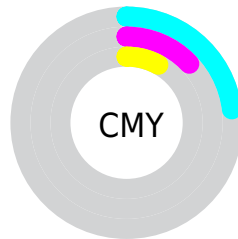
- Red (77%)
- Green (87%)
- Blue (92%)



- Red (77%)
- Yellow (83%)
- Blue (92%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (23%)
- Magenta (13%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12967402 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 12967402 by changing the saturation by 10% instead.



 12967402	 12967402
16777215	 11190734
16711679	 9414322
	 7703704
	 6058622
	 4479589
	 2966093
	 1453110
	 6177
	 8

■ 12967402

■ 12967402

■ 11458026

■ 14476778

■ 9883114

■ 16051690

■ 8373482

■ 16774890

■ 6798570

■ 16776938

■ 5289194

■ 16777194

■ 3779818

■ 2204650

■ 695274

■ 39146

# Harmonies

## Analogous

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



12705763



12967402



13621997

# Triad

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



12967402



15586266



14146760

# Complementary

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



12967402



15389381

# 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.



14866629



12967402



15717328

# Square

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



12967402



15127779



15455688



13360847

# Rectangle

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



12967402



14145772



15455688



14343110

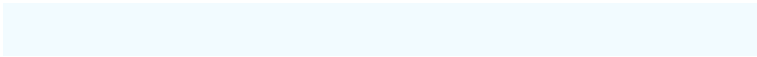


# Sweetspot

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



12967402



15924223



12970706



7896448



0



8421504

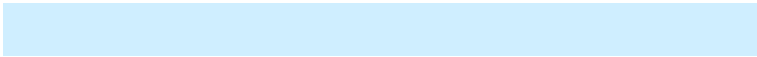


# Same Dimension

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



12967402



13627135



12962794



6975861



30133



9014



# Inverse Universe

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



15386077



16764910



15393989



7694961



11862133

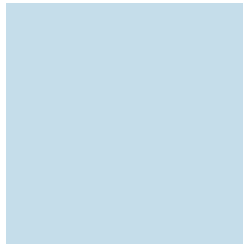


3538979



# Previews

## White Background



This preview shows how the Decimal color 12967402 looks on a white background.

## Color Contrast Check

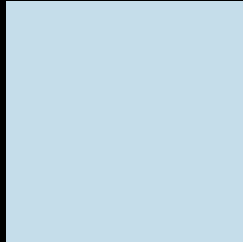
Large Text (above 18pt) WCAG AA × Fail

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 12967402 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

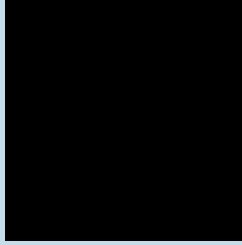
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

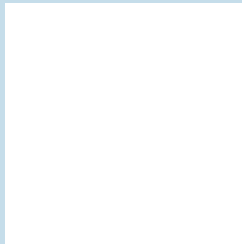
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12967402 Background



This preview shows how black text looks on a background with the Decimal color 12967402.



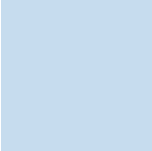
This preview shows how white text looks on a background with the Decimal color 12967402.

# 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



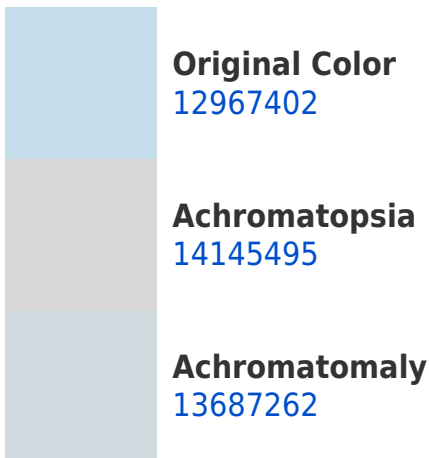


**Tritanopia**  
13032686

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12967402 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 #C5DDEA looks like.

```
.text, #text, p{  
    color:#C5DDEA  
}
```

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 #C5DDEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DDEA
}
```

## Border

The CSS property to change the border of an element to Decimal 12967402 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
#C5DDEA }
```

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

```
.border{ border-color:#C5DDEA }
```

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

Here you see how a box with a 4 pixel #C5DDEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DDEA; -webkit-box-shadow:4px 4px  
4px 4px #C5DDEA; box-shadow:4px 4px 4px  
4px #C5DDEA }
```

# Background

The CSS property to change the background color of an element to Decimal 12967402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DDEA }
```

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

```
.background{ background-color:#C5DDEA }
```

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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