

# Converting Colors

Decimal(10397410)

Have a look what the booklet for  
Decimal(10397410) contains.

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# **Color**

**Decimal(10397410)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EA6E2
RGB	158, 166, 226
RGB Percent	62%, 65%, 89%
CMY	0.3804, 0.3490, 0.1137
CMYK	0.30, 0.27, 0.00, 0.11
HSL	233°, 54%, 75%
HSV	233°, 30%, 89%
XYZ	41.4642, 40.0325, 77.4932
YIQ	170.4480, -24.0280, 16.9640

# Conversions

## Conversions Part 2

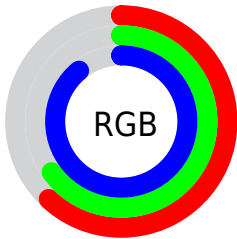
Format	Color
<a href="#">RYB</a>	<a href="#">158, 165, 226</a>
Decimal	<a href="#">10397410</a>
CIELab	<a href="#">69.49, 10.71, -31.16</a>
CIELCh	<a href="#">69, 32.953, 288.964</a>
Yxy	<a href="#">40.0325, 0.2608, 0.2518</a>
Android (android.graphics.Color)	<a href="#">4288587490 (0xFF9EA6E2)</a>
YUV	<a href="#">170.4480, 27.3871, -10.9169</a>
Hunter-Lab	<a href="#">63.2713, 6.2536, -28.3271</a>

# Details

The Decimal color **10397410** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14867102**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **14081535**, and **6910634** is the 20% darker color. If you saturate the color by 10%, you get **8884962**, and if you desaturate by 10%, it is **11909858**.

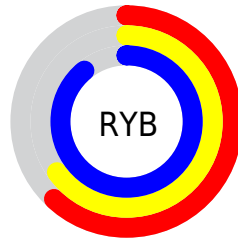
# Distribution



Red (62%)

Green (65%)

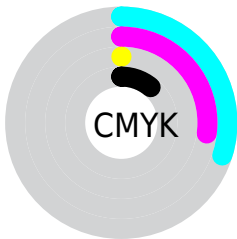
Blue (89%)



Red (62%)

Yellow (65%)

Blue (89%)

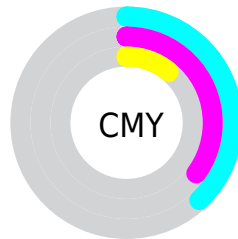


Cyan (30%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (35%)

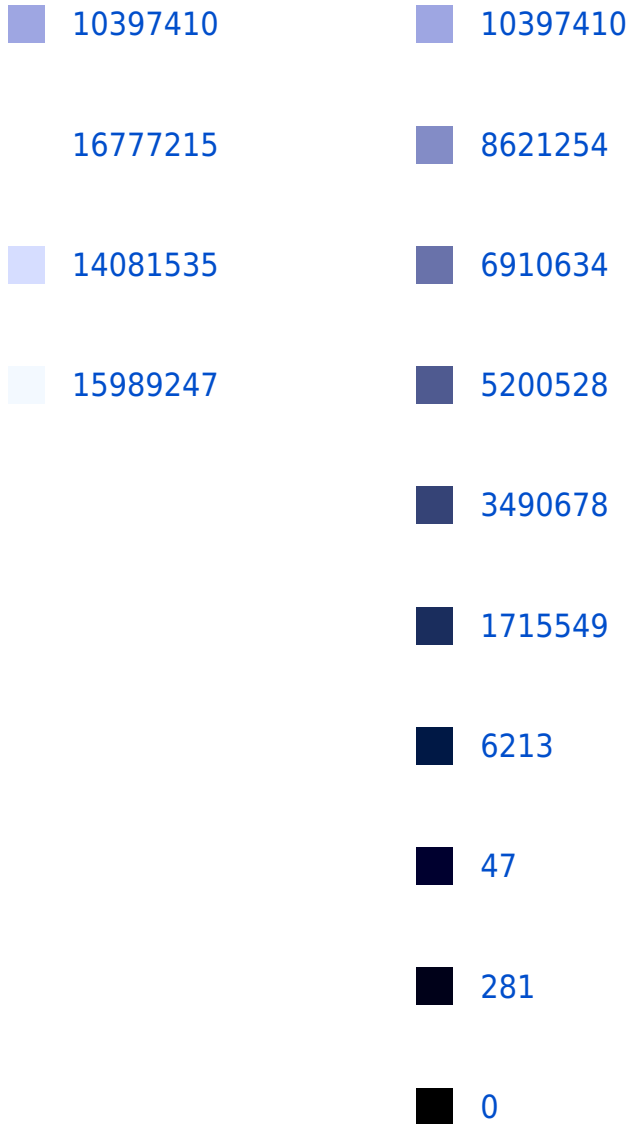
Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10397410 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 10397410 by changing the saturation by 10% instead.





■ 10397410

■ 10397410

■ 8884962

■ 11909858

■ 7438050

■ 13356770

■ 5925602

■ 14869218

■ 4478690

■ 16316130

■ 2966242

■ 16777186

■ 1453794

■ 7138

# Harmonies

## Analogous

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



7385316



10397410



12950481

# Triad

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



10397410



14523006



6666653

# Complementary

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



10397410



14867102

# 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.



9024898



10397410



13149295

# Square

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



10397410



15045784



11251313



4700860

# Rectangle

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



10397410



14128832



11251313



7452819



# Sweetspot

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



10397410



15264767



10412761



7435136



0



8421504



# Same Dimension

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



10397410



10727167



12033762



6645360



5552



1584



# Inverse Universe

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



14851750



16753582



13230750



7365990



11534357

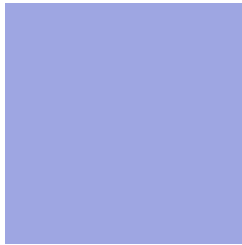


3145734



# Previews

## White Background



This preview shows how the Decimal color 10397410 looks on a white background.

## Color Contrast Check

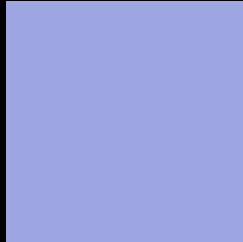
Large Text (above 18pt) WCAG AA × Fail

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 10397410 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

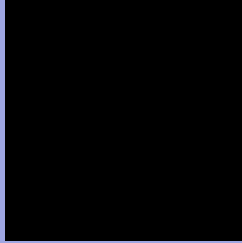
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10397410 Background



This preview shows how black text looks on a background with the Decimal color 10397410.



This preview shows how white text looks on a background with the Decimal color 10397410.

# 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**  
10397410

**Protanopia**  
10069987

**Deuteranopia**  
10201058



**Tritanopia**  
9874875

# Trichromacy



**Original Color**  
10397410

**Protanomaly**  
10201059

**Deuteranomaly**  
10266594

**Tritanomaly**  
10070729

# Monochromacy



**Original Color**  
10397410

**Achromatopsia**  
11184810

**Achromatomaly**  
10922430

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10397410 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 #9EA6E2 looks like.

```
.text, #text, p{  
  color:#9EA6E2  
}
```

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 #9EA6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA6E2
}
```

## Border

The CSS property to change the border of an element to Decimal 10397410 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
#9EA6E2 }
```

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

```
.border{ border-color:#9EA6E2 }
```

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

Here you see how a box with a 4 pixel #9EA6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA6E2; -webkit-box-shadow:4px 4px  
4px 4px #9EA6E2; box-shadow:4px 4px 4px  
4px #9EA6E2 }
```

# Background

The CSS property to change the background color of an element to Decimal 10397410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA6E2 }
```

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

```
.background{ background-color:#9EA6E2 }
```

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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