

Converting Colors

Decimal(10130401)

Have a look what the booklet for
Decimal(10130401) contains.

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Color

Decimal(10130401)

Conversions

Conversions Part 1

Format	Color
Hex	9A93E1
RGB	154, 147, 225
RGB Percent	60%, 58%, 88%
CMY	0.3961, 0.4235, 0.1176
CMYK	0.32, 0.35, 0.00, 0.12
HSL	245°, 57%, 73%
HSV	245°, 35%, 88%
XYZ	37.3508, 33.1737, 75.6687
YIQ	157.9850, -20.8660, 25.7420

Conversions

Conversions Part 2

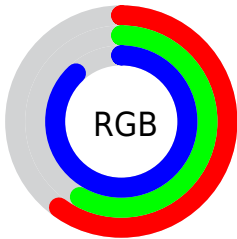
Format	Color
RYB	154, 147, 225
Decimal	10130401
CIELab	64.30, 20.11, -38.70
CIELCh	64, 43.614, 297.452
Yxy	33.1737, 0.2555, 0.2269
Android (android.graphics.Color)	4288320481 (0xFF9A93E1)
YUV	157.9850, 33.0384, -3.4948
Hunter-Lab	57.5966, 14.9611, -37.5758

Details

The Decimal color **10130401** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **14344595**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **13814271**, and **6578345** is the 20% darker color. If you saturate the color by 10%, you get **8813793**, and if you desaturate by 10%, it is **11447009**.

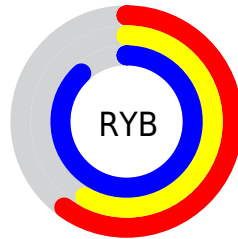
Distribution



Red (60%)

Green (58%)

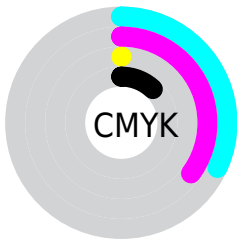
Blue (88%)



Red (60%)

Yellow (58%)

Blue (88%)

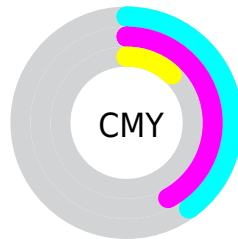


Cyan (32%)

Magenta (35%)

Yellow (0%)

Black (12%)



Cyan (40%)














Magenta (42%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10130401 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 10130401 by changing the saturation by 10% instead.

 10130401	 10130401
16777215	 8354245
 13814271	 6578345
 15721983	 4868495
	 3158645
	 1187164
	 1860
	 813
	 279
	 0

■ 10130401

■ 10130401

■ 8813793

■ 11447009

■ 7431905

■ 12828897

■ 6115297

■ 14145249

■ 4733409

■ 15527393

■ 3417057

■ 16777185

■ 2034913

■ 1310945

Harmonies

Analogous

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



5480937



10130401



13206982

Triad

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



10130401



13994843



45207

Complementary

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



10130401



14344595

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.



6335601



10130401



12032332

Square

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



10130401



15040378



9413717



44991

Rectangle

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



10130401



14450350



9413717



3387274

Sweetspot

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



10130401



15263487



9690081



7499904



0



8421504

Same Dimension

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



10130401



10392831



12620769



6710640



1048752



262192

Inverse Universe

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



14783450



16749813



11788691



7365999



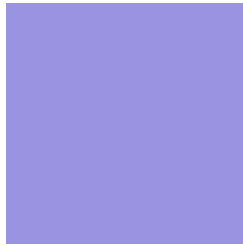
11534496



3145772

Previews

White Background



This preview shows how the Decimal color 10130401 looks on a white background.

Color Contrast Check

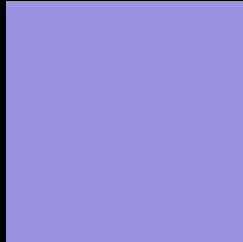
Large Text (above 18pt) WCAG AA × Fail

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 10130401 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 10130401 Background



This preview shows how black text looks on a background with the Decimal color 10130401.



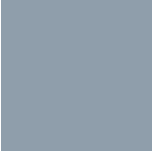
This preview shows how white text looks on a background with the Decimal color 10130401.

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](#).

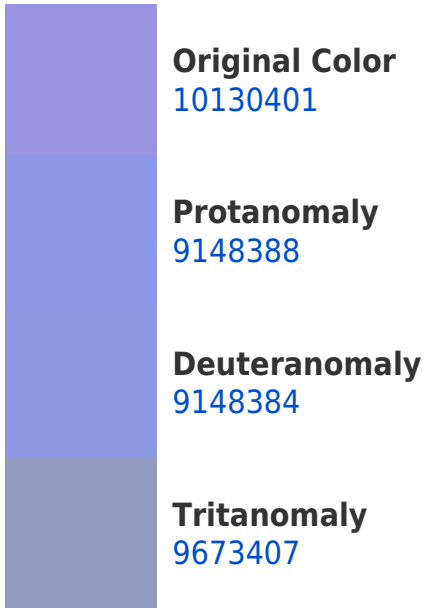
Dichromacy



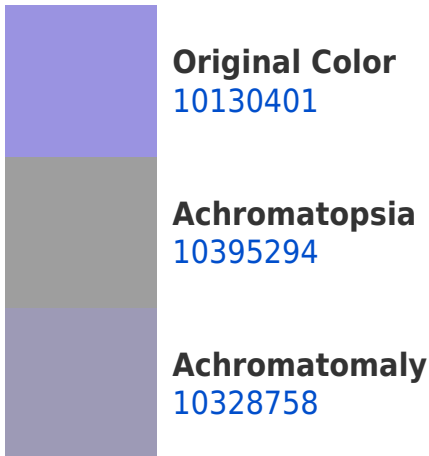


Tritanopia
9412267

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 10130401 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 #9A93E1 looks like.

```
.text, #text, p{  
  color:#9A93E1  
}
```

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 #9A93E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A93E1
}
```

Border

The CSS property to change the border of an element to Decimal 10130401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

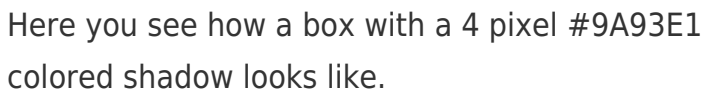
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A93E1 }
```

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

```
.border{ border-color:#9A93E1 }
```

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



Here you see how a box with a 4 pixel #9A93E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A93E1; -webkit-box-shadow:4px 4px  
4px 4px #9A93E1; box-shadow:4px 4px 4px  
4px #9A93E1 }
```

Background

The CSS property to change the background color of an element to Decimal 10130401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A93E1 }
```

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

```
.background{ background-color:#9A93E1 }
```

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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