

Converting Colors

Decimal(9676021)

Have a look what the booklet for
Decimal(9676021) contains.

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Color

Decimal(9676021)

Conversions

Conversions Part 1

Format	Color
Hex	93A4F5
RGB	147, 164, 245
RGB Percent	58%, 64%, 96%
CMY	0.4235, 0.3569, 0.0392
CMYK	0.40, 0.33, 0.00, 0.04
HSL	230°, 83%, 77%
HSV	230°, 40%, 96%
XYZ	41.7895, 39.3465, 91.7783
YIQ	168.1510, -36.1330, 21.5870

Conversions

Conversions Part 2

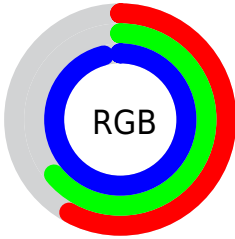
Format	Color
R _Y B	147, 161, 245
Decimal	9676021
CIE Lab	69.00, 13.81, -42.37
CIE LCh	69, 44.566, 288.058
Yxy	39.3465, 0.2417, 0.2275
Android (android.graphics.Color)	4287866101 (0xFF93A4F5)
YUV	168.1510, 37.8866, -18.5494
Hunter-Lab	62.7268, 9.1474, -42.8410

Details

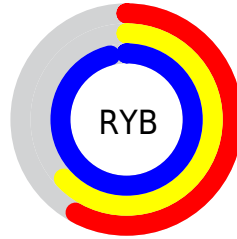
The Decimal color **9676021** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **16114835**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **13425663**, and **5992892** is the 20% darker color. If you saturate the color by 10%, you get **8032501**, and if you desaturate by 10%, it is **11254005**.

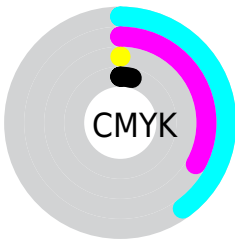
Distribution



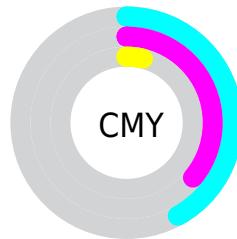
- Red (58%)
- Green (64%)
- Blue (96%)



- Red (58%)
- Yellow (63%)
- Blue (96%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9676021 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 9676021 by changing the saturation by 10% instead.

■ 9676021

■ 9676021

16777215

■ 7834328

■ 13425663

■ 5992892

■ 15333375

■ 4151457

■ 2113926

■ 11373

■ 6228

■ 60

■ 550

■ 270

■ 9676021

■ 9676021

■ 8032501

■ 11254005

■ 6454517

■ 12897781

■ 4876277

■ 14475765

■ 3232757

■ 16119285

■ 1589237

■ 16777205

■ 11253

Harmonies

Analogous

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



4239863



9676021



13342175

Triad

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



9676021



15438446



4111510

Complementary

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



9676021



16114835

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.



8107889



9676021



13607001

Square

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



9676021



16156817



11120217



48576

Rectangle

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



9676021



14912711



11120217



5684105

Sweetspot

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



9676021



14739199



9696739



7238016



0



8421504

Same Dimension

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



9676021



8755967



11703285



7237754



8378



2619

Inverse Universe

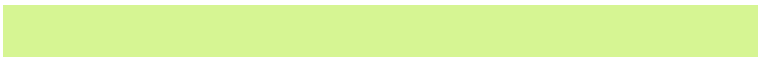
The Inverse Universe completely reimagines the original color for something new.



16094116



16745882



14087571



8023664



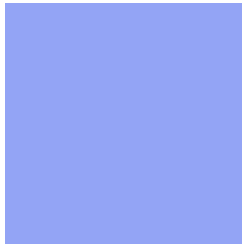
12189728



3866634

Previews

White Background



This preview shows how the Decimal color 9676021 looks on a white background.

Color Contrast Check

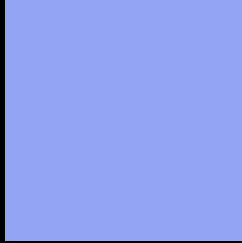
Large Text (above 18pt) WCAG AA × Fail

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 9676021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

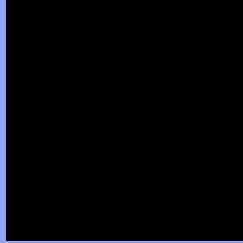
Any Text WCAG AA ✓ Pass

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 9676021 Background



This preview shows how black text looks on a background with the Decimal color 9676021.



This preview shows how white text looks on a background with the Decimal color 9676021.

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](#).

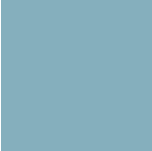
Dichromacy



Original Color
9676021

Protanopia
9283062

Deuteranopia
9021428

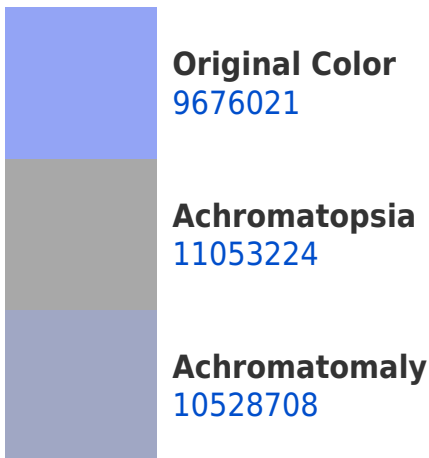


Tritanopia
8761277

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 9676021 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 #93A4F5 looks like.

```
.text, #text, p{  
    color:#93A4F5  
}
```

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 #93A4F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A4F5
}
```

Border

The CSS property to change the border of an element to Decimal 9676021 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
#93A4F5 }
```

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

```
.border{ border-color:#93A4F5 }
```

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

Here you see how a box with a 4 pixel #93A4F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A4F5; -webkit-box-shadow:4px 4px  
4px 4px #93A4F5; box-shadow:4px 4px 4px  
4px #93A4F5 }
```

Background

The CSS property to change the background color of an element to Decimal 9676021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A4F5 }
```

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

```
.background{ background-color:#93A4F5 }
```

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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