

Converting Colors

Decimal(9676001)

Have a look what the booklet for
Decimal(9676001) contains.

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Color

Decimal(9676001)

Conversions

Conversions Part 1

Format	Color
Hex	93A4E1
RGB	147, 164, 225
RGB Percent	58%, 64%, 88%
CMY	0.4235, 0.3569, 0.1176
CMYK	0.35, 0.27, 0.00, 0.12
HSL	227°, 57%, 73%
HSV	227°, 35%, 88%
XYZ	38.8987, 38.1902, 76.5554
YIQ	165.8710, -29.7130, 15.3670

Conversions

Conversions Part 2

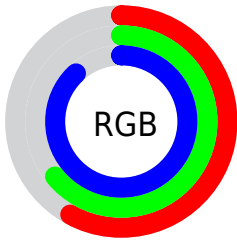
Format	Color
RYB	147, 161, 225
Decimal	9676001
CIELab	68.16, 8.46, -32.74
CIELCh	68, 33.814, 284.493
Yxy	38.1902, 0.2532, 0.2486
Android (android.graphics.Color)	4287866081 (0xFF93A4E1)
YUV	165.8710, 29.1506, -16.5499
Hunter-Lab	61.7982, 4.2093, -30.1895

Details

The Decimal color **9676001** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14798995**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **13360127**, and **6123689** is the 20% darker color. If you saturate the color by 10%, you get **8164065**, and if you desaturate by 10%, it is **11187937**.

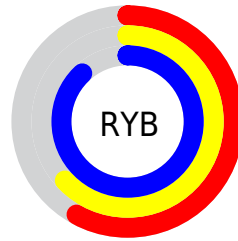
Distribution



Red (58%)

Green (64%)

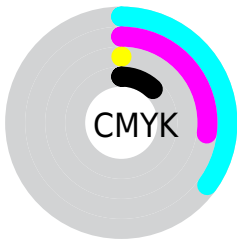
Blue (88%)



Red (58%)

Yellow (63%)

Blue (88%)

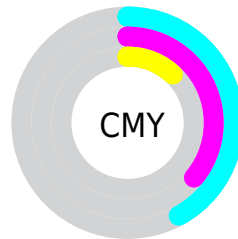


Cyan (35%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (42%)

Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9676001 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 9676001 by changing the saturation by 10% instead.

■ 9676001

■ 9676001

16777215

■ 7899845

■ 13360127

■ 6123689

■ 15267839

■ 4413583

■ 2638197

■ 338780

■ 5956

■ 814

■ 280

■ 0

■ 9676001

■ 9676001

■ 8164065

■ 11187937

■ 6717921

■ 12634081

■ 5205985

■ 14080481

■ 3759841

■ 15592161

■ 2313441

■ 16776417

■ 801505

■ 16777185

■ 12769

Harmonies

Analogous

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



6467296



9676001



12425682

Triad

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



9676001



14456189



6665877

Complementary

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



9676001



14798995

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.



9089402



9676001



13213548

Square

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



9676001



14847896



11315562



4306868

Rectangle

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



9676001



13734849



11315562



7451787

Sweetspot

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



9676001



15133695



9691599



7369856



0



8421504

Same Dimension

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



9676001



9743359



11047905



6645616



9904



2864

Inverse Universe

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



14783396



16749739



13427091



7365991



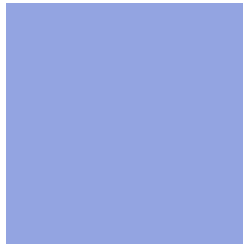
11534374



3145739

Previews

White Background



This preview shows how the Decimal color 9676001 looks on a white background.

Color Contrast Check

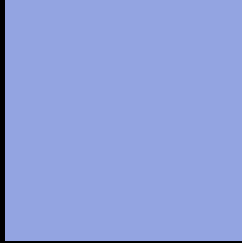
Large Text (above 18pt) WCAG AA × Fail

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 9676001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

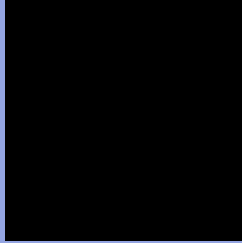
Any Text WCAG AA ✓ Pass

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 9676001 Background



This preview shows how black text looks on a background with the Decimal color 9676001.



This preview shows how white text looks on a background with the Decimal color 9676001.

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

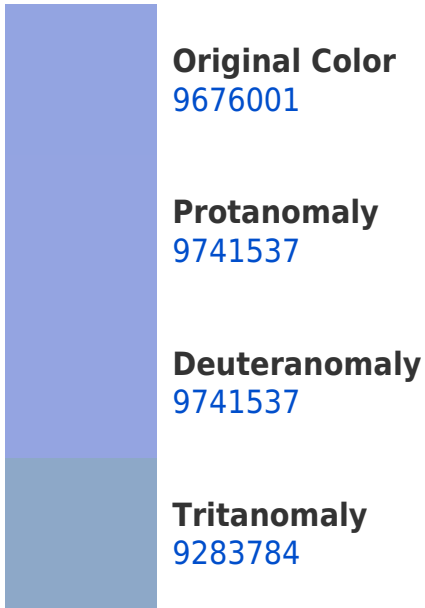


Original Color
9676001

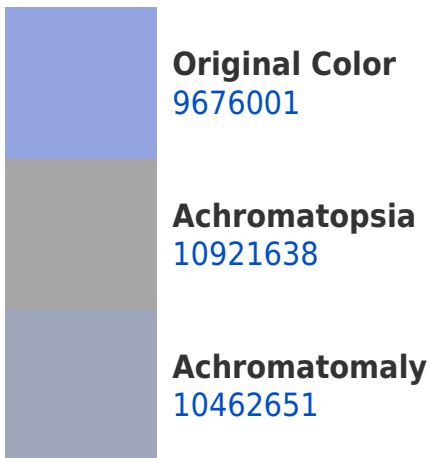
Protanopia
9741537

Deuteranopia
9741537

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 9676001 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 #93A4E1 looks like.

```
.text, #text, p{  
    color:#93A4E1  
}
```

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 #93A4E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A4E1
}
```

Border

The CSS property to change the border of an element to Decimal 9676001 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
#93A4E1 }
```

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

```
.border{ border-color:#93A4E1 }
```

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

Here you see how a box with a 4 pixel #93A4E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A4E1; -webkit-box-shadow:4px 4px  
4px 4px #93A4E1; box-shadow:4px 4px 4px  
4px #93A4E1 }
```

Background

The CSS property to change the background color of an element to Decimal 9676001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A4E1 }
```

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

```
.background{ background-color:#93A4E1 }
```

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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