

Converting Colors

Decimal(9485040)

Have a look what the booklet for
Decimal(9485040) contains.

Decimal(9485040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(9485040)

Conversions

Conversions Part 1

Format	Color
Hex	90BAF0
RGB	144, 186, 240
RGB Percent	56%, 73%, 94%
CMY	0.4353, 0.2706, 0.0588
CMYK	0.40, 0.23, 0.00, 0.06
HSL	214°, 76%, 75%
HSV	214°, 40%, 94%
XYZ	44.7887, 47.3384, 89.2147
YIQ	179.5980, -42.3660, 7.8900

Conversions

Conversions Part 2

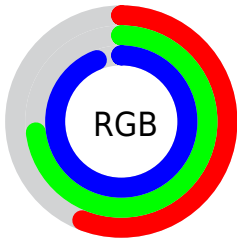
Format	Color
RYB	144, 173, 240
Decimal	9485040
CIELab	74.41, -0.59, -31.28
CIELCh	74, 31.283, 268.914
Yxy	47.3384, 0.2470, 0.2610
Android (android.graphics.Color)	4287675120 (0xFF90BAF0)
YUV	179.5980, 29.7782, -31.2194
Hunter-Lab	68.8029, -4.2067, -28.7176

Details

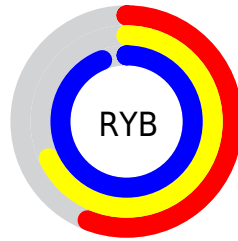
The Decimal color **9485040** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15779472**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **13234943**, and **5866936** is the 20% darker color. If you saturate the color by 10%, you get **7908592**, and if you desaturate by 10%, it is **11061232**.

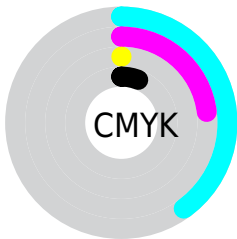
Distribution



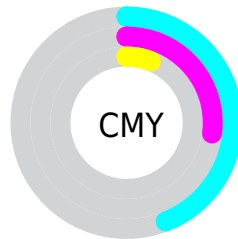
- Red (56%)
- Green (73%)
- Blue (94%)



- Red (56%)
- Yellow (68%)
- Blue (94%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (44%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9485040 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 9485040 by changing the saturation by 10% instead.

■ 9485040

■ 9485040

16777215

■ 7643092

■ 13234943

■ 5866936

■ 15138815

■ 4025501

■ 1922178

■ 15721

■ 10065

■ 4921

■ 547

■ 11

■ 9485040

■ 9485040

■ 7908592

■ 11061232

■ 6332400

■ 12637680

■ 4755952

■ 14213872

■ 3179760

■ 15790320

■ 1603312

■ 16776688

■ 27120

■ 16777200

Harmonies

Analogous

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



6996711



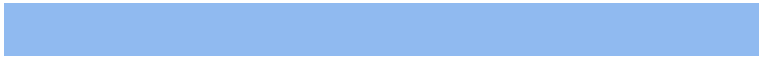
9485040



12234985

Triad

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



9485040



15770781



9290904

Complementary

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



9485040



15779472

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.



11452036



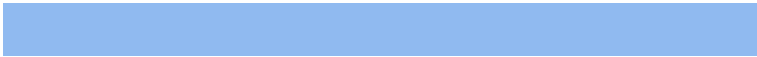
9485040



14986119

Square

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



9485040



15573689



13415806



7194549

Rectangle

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



9485040



13740509



13415806



10011280

Sweetspot

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



9485040



14741247



9498821



7239040



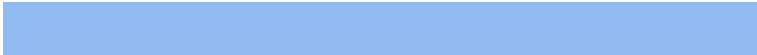
0



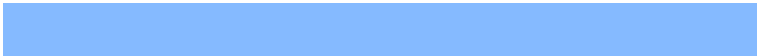
8421504

Same Dimension

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



9485040



8764159



9801968



7106936



20664



6456

Inverse Universe

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



15765690



16745914



15462544



7892081



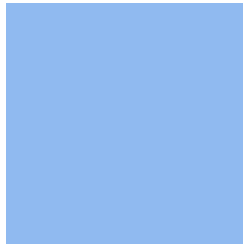
12058704



3670041

Previews

White Background



This preview shows how the Decimal color 9485040 looks on a white background.

Color Contrast Check

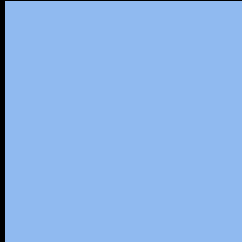
Large Text (above 18pt) WCAG AA × Fail

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 9485040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

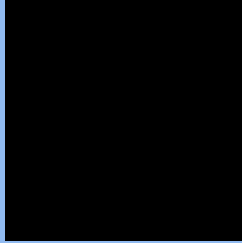
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

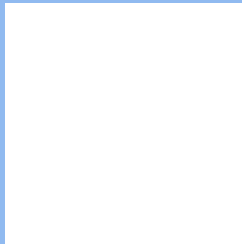
Any Text WCAG AAA ✓ Pass

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

Decimal 9485040 Background



This preview shows how black text looks on a background with the Decimal color 9485040.



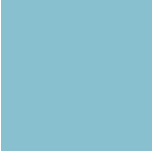
This preview shows how white text looks on a background with the Decimal color 9485040.

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](#).

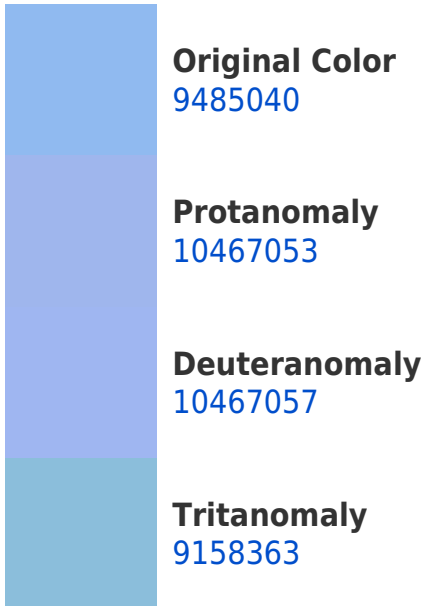
Dichromacy



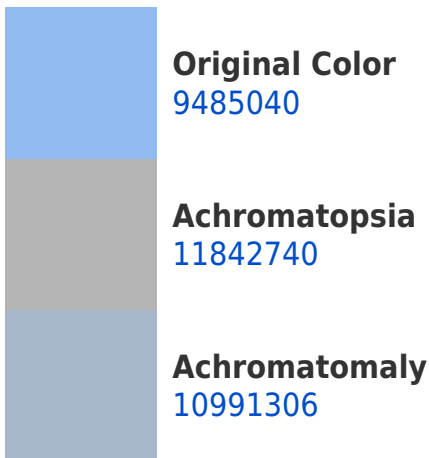


Tritanopia
8962255

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 9485040 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 #90BAF0 looks like.

```
.text, #text, p{  
    color:#90BAF0  
}
```

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 #90BAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BAF0
}
```

Border

The CSS property to change the border of an element to Decimal 9485040 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
#90BAF0 }
```

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

```
.border{ border-color:#90BAF0 }
```

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

Here you see how a box with a 4 pixel #90BAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BAF0; -webkit-box-shadow:4px 4px  
4px 4px #90BAF0; box-shadow:4px 4px 4px  
4px #90BAF0 }
```

Background

The CSS property to change the background color of an element to Decimal 9485040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BAF0 }
```

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

```
.background{ background-color:#90BAF0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor