

Converting Colors

Decimal(9024246)

Have a look what the booklet for
Decimal(9024246) contains.

Decimal(9024246)	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(9024246)

Conversions

Conversions Part 1

Format	Color
Hex	89B2F6
RGB	137, 178, 246
RGB Percent	54%, 70%, 96%
CMY	0.4627, 0.3020, 0.0353
CMYK	0.44, 0.28, 0.00, 0.04
HSL	217°, 86%, 75%
HSV	217°, 44%, 96%
XYZ	42.8715, 43.8130, 93.3860
YIQ	173.4930, -46.2640, 12.4560

Conversions

Conversions Part 2

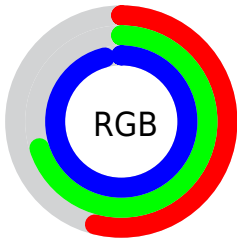
Format	Color
R _Y B	137, 167, 246
Decimal	9024246
CIE Lab	72.10, 3.70, -38.12
CIE LCh	72, 38.299, 275.542
Yxy	43.8130, 0.2381, 0.2433
Android (android.graphics.Color)	4287214326 (0xFF89B2F6)
YUV	173.4930, 35.7460, -32.0044
Hunter-Lab	66.1914, -0.2223, -37.3152

Details

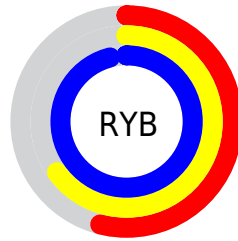
The Decimal color **9024246** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **16174473**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **12774143**, and **5275325** is the 20% darker color. If you saturate the color by 10%, you get **7382006**, and if you desaturate by 10%, it is **10666486**.

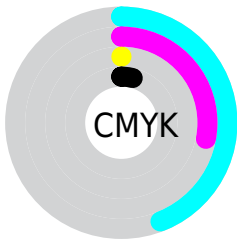
Distribution



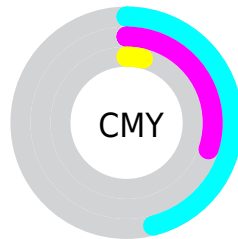
- Red (54%)
- Green (70%)
- Blue (96%)



- Red (54%)
- Yellow (65%)
- Blue (96%)



- Cyan (44%)
- Magenta (28%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9024246 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 9024246 by changing the saturation by 10% instead.

■ 9024246

■ 9024246

16777215

■ 7182297

■ 12774143

■ 5275325

■ 14680063

■ 3302818

16646143

■ 347528

■ 14190

■ 8789

■ 2878

■ 807

■ 272

■ 9024246

■ 9024246

■ 7382006

■ 10666486

■ 5805046

■ 12243446

■ 4162806

■ 13885686

■ 2586102

■ 15462390

■ 943606

■ 16777206

■ 24054

Harmonies

Analogous

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



5029104



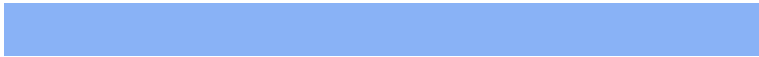
9024246



12428778

Triad

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



9024246



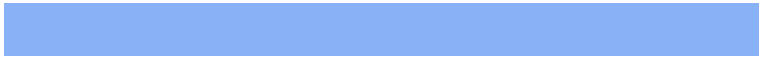
15899274



7455123

Complementary

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



9024246



16174473

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.



10271607



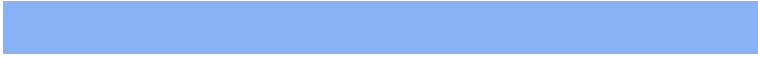
9024246



14722418

Square

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



9024246



16029099



12759402



4310198

Rectangle

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



9024246



14196185



12759402



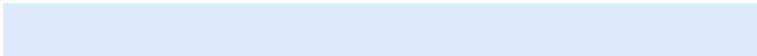
8437640

Sweetspot

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



9024246



14609151



9041612



7041920



0



8421504

Same Dimension

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



9024246



7908351



9865718



7238522



18106



5691

Inverse Universe

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



16157106



16742571



15333001



8023667



12189766



3866646

Previews

White Background



This preview shows how the Decimal color 9024246 looks on a white background.

Color Contrast Check

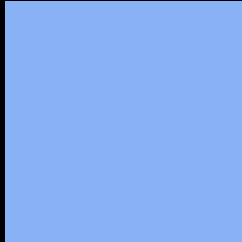
Large Text (above 18pt) WCAG AA × Fail

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 9024246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

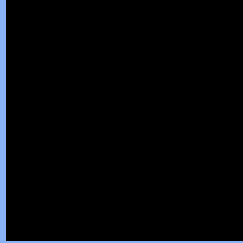
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

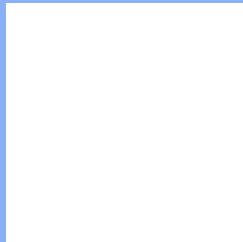
Any Text WCAG AAA ✓ Pass

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

Decimal 9024246 Background



This preview shows how black text looks on a background with the Decimal color 9024246.



This preview shows how white text looks on a background with the Decimal color 9024246.

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
9024246

Protanopia
10268403

Deuteranopia
10006263

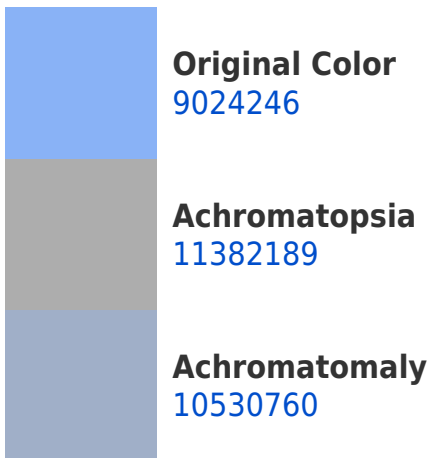


Tritanopia
8174281

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 9024246 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 #89B2F6 looks like.

```
.text, #text, p{  
    color:#89B2F6  
}
```

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 #89B2F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B2F6
}
```

Border

The CSS property to change the border of an element to Decimal 9024246 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
#89B2F6 }
```

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

```
.border{ border-color:#89B2F6 }
```

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

Here you see how a box with a 4 pixel #89B2F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B2F6; -webkit-box-shadow:4px 4px  
4px 4px #89B2F6; box-shadow:4px 4px 4px  
4px #89B2F6 }
```

Background

The CSS property to change the background color of an element to Decimal 9024246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B2F6 }
```

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

```
.background{ background-color:#89B2F6 }
```

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