

# Converting Colors

Decimal(9019120)

Have a look what the booklet for  
Decimal(9019120) contains.

<b>Decimal(9019120)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(9019120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	899EF0
RGB	137, 158, 240
RGB Percent	54%, 62%, 94%
CMY	0.4627, 0.3804, 0.0588
CMYK	0.43, 0.34, 0.00, 0.06
HSL	228°, 77%, 74%
HSV	228°, 43%, 94%
XYZ	38.2716, 36.0634, 87.3819
YIQ	161.0690, -38.8380, 21.0500

# Conversions

## Conversions Part 2

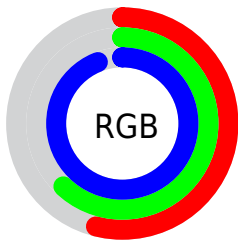
Format	Color
<a href="#">RYB</a>	<a href="#">137, 154, 240</a>
Decimal	<a href="#">9019120</a>
CIELab	<a href="#">66.57, 13.32, -43.50</a>
CIELCh	<a href="#">67, 45.494, 287.025</a>
Yxy	<a href="#">36.0634, 0.2367, 0.2230</a>
Android (android.graphics.Color)	<a href="#">4287209200 (0xFF899EF0)</a>
YUV	<a href="#">161.0690, 38.9130, -21.1085</a>
Hunter-Lab	<a href="#">60.0528, 8.6655, -44.2350</a>

# Details

The Decimal color **9019120** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **15784841**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **12768511**, and **5335992** is the 20% darker color. If you saturate the color by 10%, you get **7441392**, and if you desaturate by 10%, it is **10596848**.

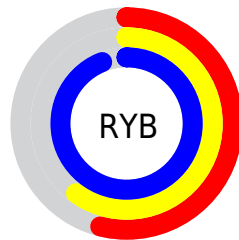
# Distribution



Red (54%)

Green (62%)

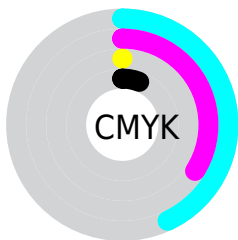
Blue (94%)



Red (54%)

Yellow (60%)

Blue (94%)

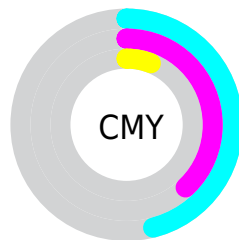


Cyan (43%)

Magenta (34%)

Yellow (0%)

Black (6%)



Cyan (46%)

Magenta (38%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9019120 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 9019120 by changing the saturation by 10% instead.



 9019120

 9019120

16777215

 7177427

 12768511

 5335992

 14676479

 3363740

16646143

 736386

 10088

 5200

 1336

 546

 8

■ 9019120

■ 9019120

■ 7441392

■ 10596848

■ 5863664

■ 12174576

■ 4285936

■ 13752304

■ 2708208

■ 15330032

■ 1130224

■ 16776944

■ 12784

■ 16777200

# Harmonies

## Analogous

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



2730993



9019120



12816090

# Triad

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



9019120



15043432



3454606

# Complementary

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



9019120



15784841

# 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.



7713128



9019120



13277521

# Square

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



9019120



15761804



10790737



47032

# Rectangle

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



9019120



14452163



10790737



5223809



# Sweetspot

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



9019120



14607871



9040090



7040896



0



8421504



# Same Dimension

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



9019120



8033791



10914288



7106168



9656



2872



# Inverse Universe

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



15763870



16743061



13889673



7892078



12058661

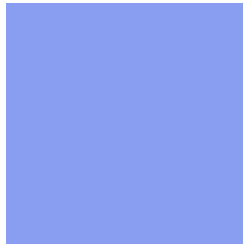


3670027



# Previews

## White Background



This preview shows how the Decimal color 9019120 looks on a white background.

## Color Contrast Check

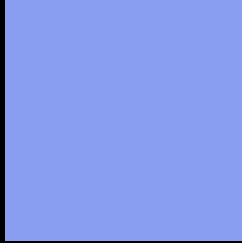
Large Text (above 18pt) WCAG AA × Fail

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 9019120 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 9019120 Background



This preview shows how black text looks on a background with the Decimal color 9019120.



This preview shows how white text looks on a background with the Decimal color 9019120.

# 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**


9019120

**Protanopia**

8822769

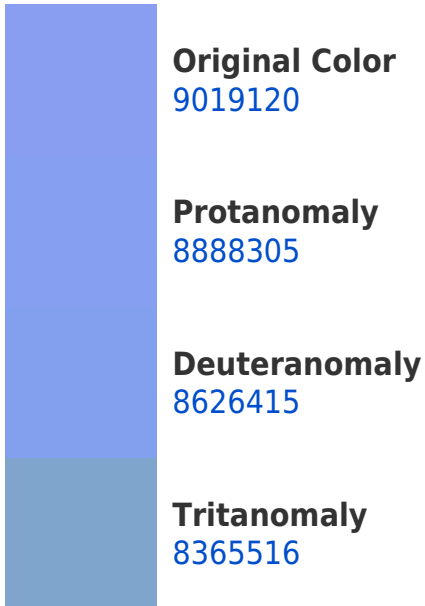
**Deuteranopia**

8364527

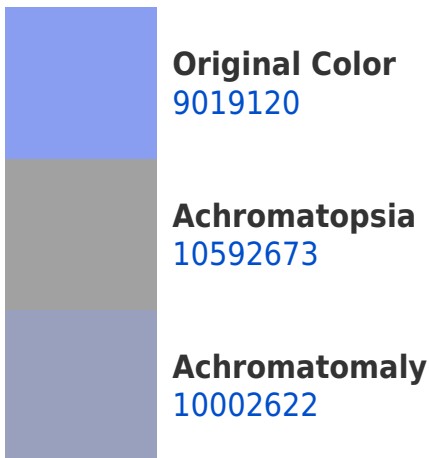


**Tritanopia**  
8038839

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9019120 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 #899EF0 looks like.

```
.text, #text, p{  
    color:#899EF0  
}
```

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 #899EF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899EF0
}
```

## Border

The CSS property to change the border of an element to Decimal 9019120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

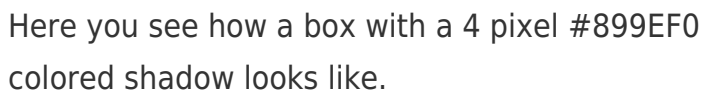
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#899EF0 }
```

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

```
.border{ border-color:#899EF0 }
```

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



Here you see how a box with a 4 pixel #899EF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899EF0; -webkit-box-shadow:4px 4px  
4px 4px #899EF0; box-shadow:4px 4px 4px  
4px #899EF0 }
```

# Background

The CSS property to change the background color of an element to Decimal 9019120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899EF0 }
```

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

```
.background{ background-color:#899EF0 }
```

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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