

# Converting Colors

Decimal(9540080)

Have a look what the booklet for  
Decimal(9540080) contains.

<b>Decimal(9540080)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(9540080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9191F0
RGB	145, 145, 240
RGB Percent	57%, 57%, 94%
CMY	0.4314, 0.4314, 0.0588
CMYK	0.40, 0.40, 0.00, 0.06
HSL	240°, 76%, 75%
HSV	240°, 40%, 94%
XYZ	37.5306, 32.5618, 86.7451
YIQ	155.8300, -30.4950, 29.5450

# Conversions

## Conversions Part 2

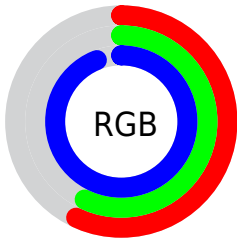
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	145, 145, 240
Decimal	9540080
CIE <sub>Lab</sub>	63.80, 22.83, -47.81
CIE <sub>LCh</sub>	64, 52.985, 295.528
Y <sub>xy</sub>	32.5618, 0.2393, 0.2076
Android (android.graphics.Color)	4287730160 (0xFF9191F0)
Y <sub>UV</sub>	155.8300, 41.4958, -9.4979
Hunter-Lab	57.0630, 17.5403, -50.1865

# Details

The Decimal color **9540080** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **15790225**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **13289471**, and **5857207** is the 20% darker color. If you saturate the color by 10%, you get **7961072**, and if you desaturate by 10%, it is **11119088**.

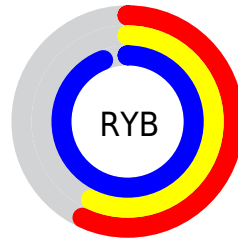
# Distribution



Red (57%)

Green (57%)

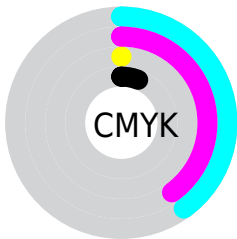
Blue (94%)



Red (57%)

Yellow (57%)

Blue (94%)

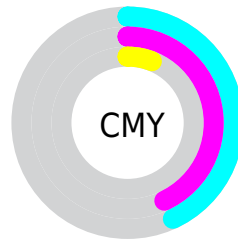


Cyan (40%)

Magenta (40%)

Yellow (0%)

Black (6%)



Cyan (43%)

Magenta (43%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9540080 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 9540080 by changing the saturation by 10% instead.



■ 9540080

■ 9540080

16777215

■ 7698387

■ 13289471

■ 5857207

■ 15197183

■ 4016028

■ 1847682

■ 7272

■ 1615

■ 1336

■ 545

■ 6

■ 9540080

■ 9540080

■ 7961072

■ 11119088

■ 6382064

■ 12698096

■ 4803056

■ 14277104

■ 3224048

■ 15856112

■ 1645040

■ 16777200

■ 66032

■ 240

# Harmonies

## Analogous

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



41721



9540080



13532881

# Triad

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



9540080



14582861



45458

# Complementary

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



9540080



15790225

# 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.



5352803



9540080



12293688

# Square

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



9540080



15823989



9282624



45762

# Rectangle

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



9540080



15103155



9282624



45441



# Sweetspot

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



9540080



14737663



9564400



7237248



0



8421504



# Same Dimension

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



9540080



8750591



12620272



7105656



184



56



# Inverse Universe

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



15766000



16745983



12644497



7892088



12058808

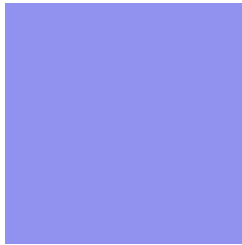


3670072



# Previews

## White Background



This preview shows how the Decimal color 9540080 looks on a white background.

## Color Contrast Check

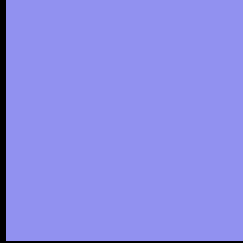
Large Text (above 18pt) WCAG AA × Fail

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 9540080 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 9540080 Background



This preview shows how black text looks on a background with the Decimal color 9540080.



This preview shows how white text looks on a background with the Decimal color 9540080.

# 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](#).

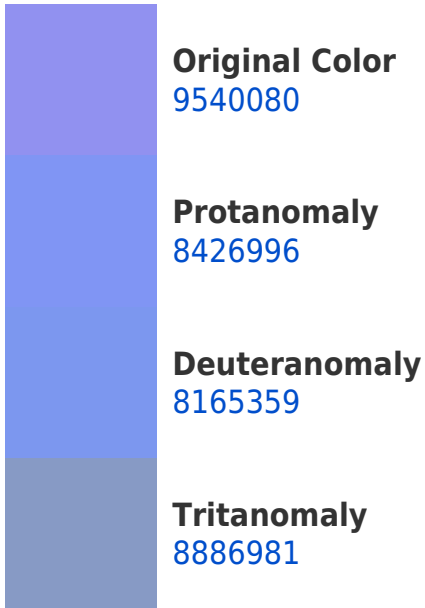
## Dichromacy



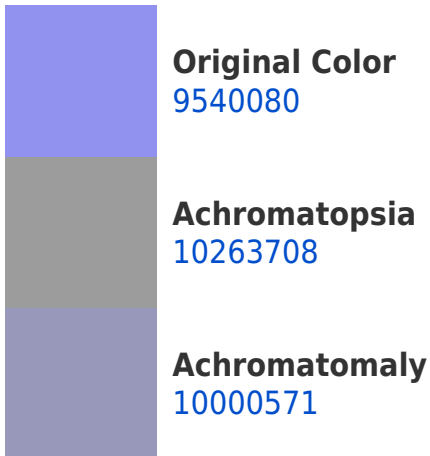


**Tritanopia**  
8495020

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9540080 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 #9191F0 looks like.

```
.text, #text, p{  
    color:#9191F0  
}
```

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 #9191F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9191F0
}
```

## Border

The CSS property to change the border of an element to Decimal 9540080 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
#9191F0 }
```

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

```
.border{ border-color:#9191F0 }
```

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

Here you see how a box with a 4 pixel #9191F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9191F0; -webkit-box-shadow:4px 4px  
4px 4px #9191F0; box-shadow:4px 4px 4px  
4px #9191F0 }
```

# Background

The CSS property to change the background color of an element to Decimal 9540080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9191F0 }
```

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

```
.background{ background-color:#9191F0 }
```

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